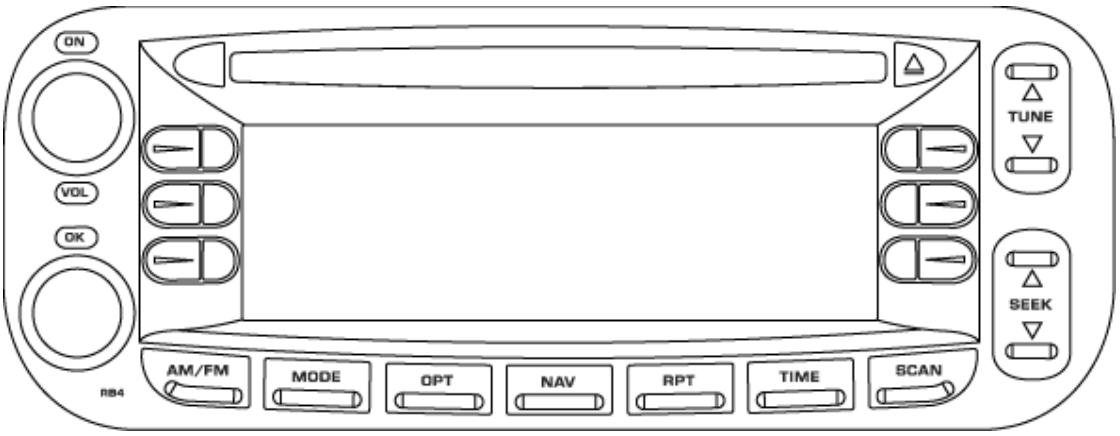
User Manual

for

RB4



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1 Document History

Version	Date	Author	Location of modification	Modification
0.0.1	11/01/02	M.Soldwisch	Complete document	Merge from several documents
0.0.1	01/13/03	M.Soldwisch	Disclaimer	Requested information through S.Montealegre
0.0.2	02/11/03	M.Soldwisch	Complete document	Word doesn't print pictures, repaired links.
0.0.3	02/28/03	S.Montealegre	Complete document	1st Review
0.0.3	02/28/03	M.Soldwisch	Complete document	Converted to PDF
0.0.3	03/12/03	M.Soldwisch	Navigation 10.1.3	List of map overlap states corrected. K.Schaffer
0.4	05/06/03	M.Soldwisch	Complete document	Import screens from A.Jadhav
0.5	05/09/03	M.Soldwisch	Chapter 11, 12	HFM added, Service Menu removed
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0.7	05/14/03	M.Soldwisch	Complete document	Proof read, some text corrections.
0.8	05/15/03	M.Soldwisch	Complete document	Proof read artwork.
0.9	05/15/03	K.Shaffer	Complete document	Proof read
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3 Introduction

This document contains the operating instructions for the Chrysler RB4 Radio Navigation System.

3.1 WARNINGS and CAUTIONS

This manual contains WARNINGS against operating procedures that could result in an accident or bodily injury. It also contains CAUTIONS against procedures that could result in damage to your vehicle. If you do not read the entire manual you may miss important information. Observe all Warnings and Cautions!

3.2 Safety references

Before operating this navigation system for the first time, please read this manual carefully. Note the safety precautions described in this manual. If you have any questions, please contact the manufacturer.

3.3 Intended use

Generally recognized rules of navigation technology were maintained during the development and manufacture of the RB4 Radio Navigation System. Therefore the users are sufficiently protected when the system is used for its intended use. For the use of the product, especially in motor vehicles, the state-specific norms and guidelines are to be considered.

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4 General Handling

4.1 User interface elements - radio

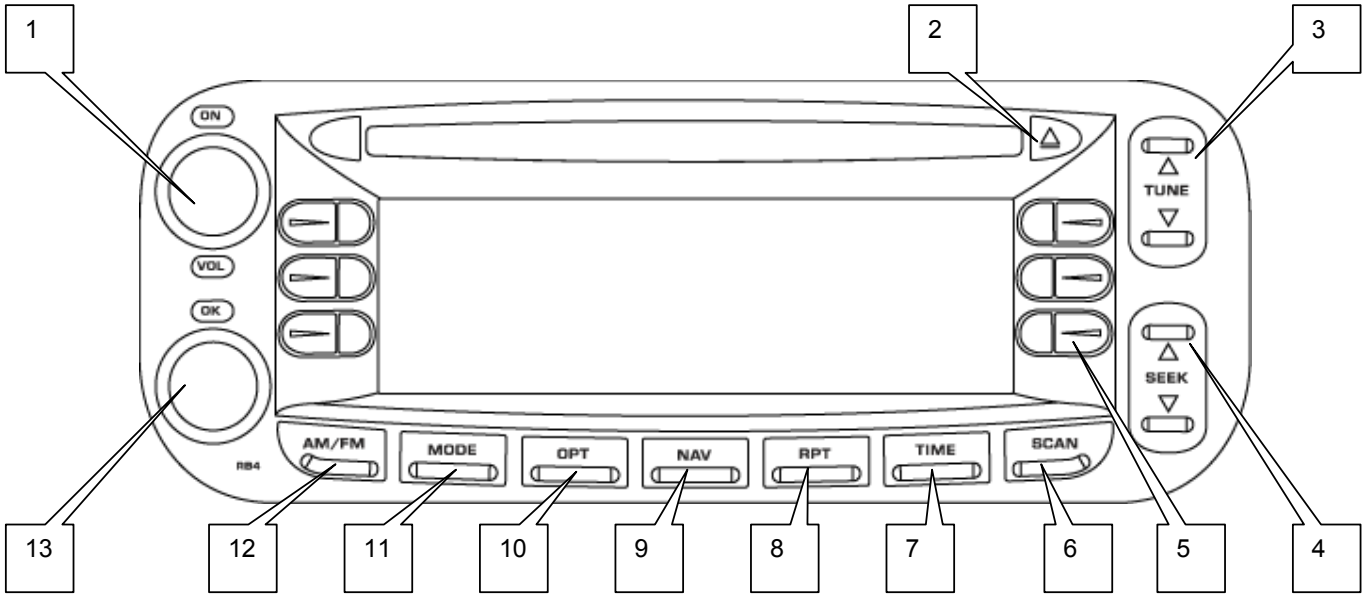

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Figure 1 RB4 User Interface Buttons

Button	Function	Description
1	ON / Volume Rotary Knob	ON/ OFF Button and Volume Control Knob
2.	CD Eject Button	Eject Button for internal CD Drive
3.	Radio Station Tune Button	Tune function for radio receiver, Skip function for CD Drive and CD Changer
4.	Audio Seek Button	Seek function for radio receiver, Disc Drive and Disc Changer
5.	Multi Function Buttons	Software programmable buttons with multiple functions
6.	Audio Scan Button	Scan function for radio receiver, Disc Drive and Disc Changer
7.	Time Menu Button	Shows time when pressed. Switches to Time Settings when held.
8.	Announcement Repeat Button	Repeats the last Navigation Announcement
9.	Navigation Mode Button	Switches to Navigation Mode; Cancels Route Guidance
10.	Option Menu Button	Switches to Option and Settings Menus
11.	Radio Mode Button	Toggle between Radio Modes (CD>CD Changer>DVD Changer)
12.	Radio Mode Button	Toggle between Radio Modes (FM1>FM2>AM1>AM2)
13.	OK / Select Rotary Knob	Confirmation Button and Selection Knob

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4.2 User interface elements - screen

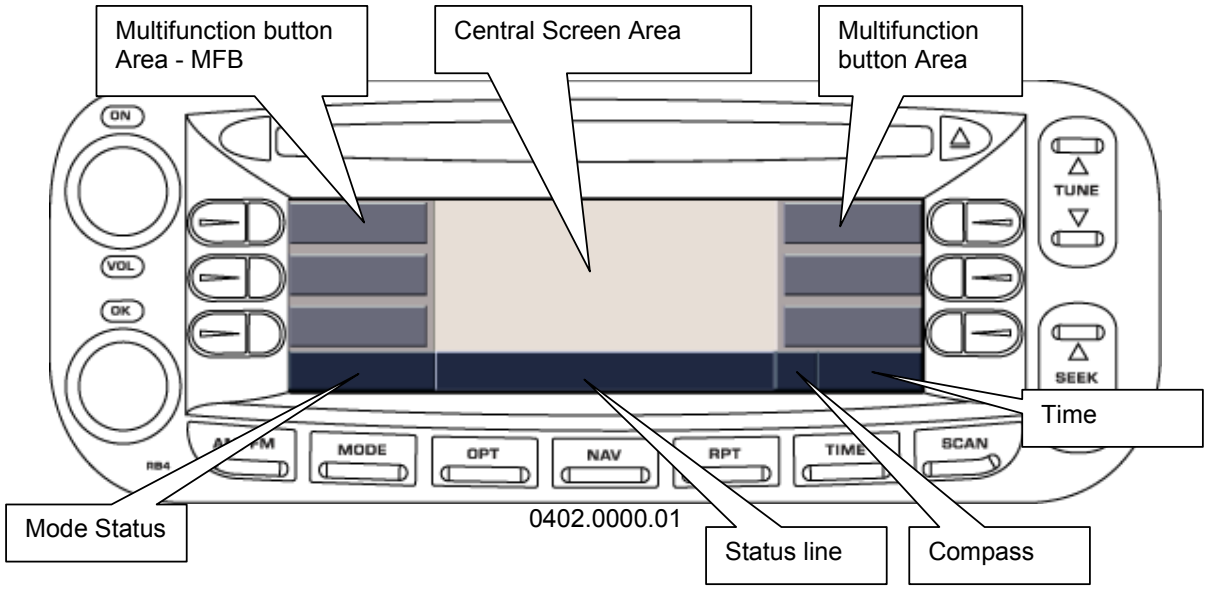

Figure 2 RB4 Screen Structure

Area	Function	Description
Multifunction buttons - MFB	Software defined functions	3 multifunction buttons to left and 3 multifunction buttons to the right
Central	Central Screen Area	For displaying various interactive elements. Dialog boxes, Lists, Smart Speller for Navigation Data Input. The central screen area can be extended through a multifunction button area for displaying for example long street names.
Status Line left	Selected Mode Status Receiver Radio Frequency, CD or Changer Track Information, DVD Track Information SAT Channel	Displays the current active Mode.
Status Line center	Active Mode Status	Displays the status information of the current active Mode.
Status Line right	Compass	Displays a compass with current heading.
Status Line very right	Time	Displays Radio Clock

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4.3 Remote Sound System Controls

4.3.1 General

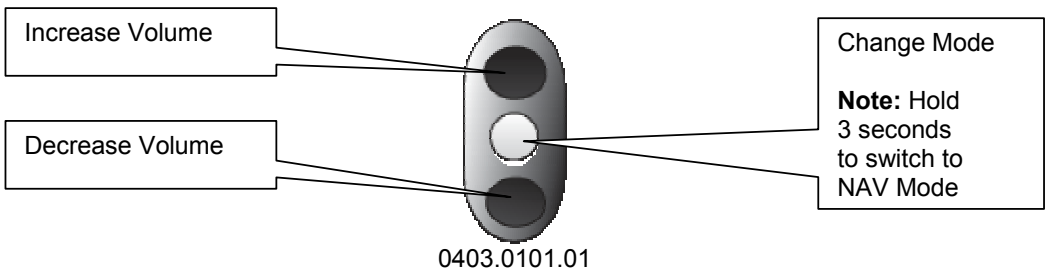
The remote sound system controls are located on the rear surface of the steering wheel. Reach behind the wheel to access the switches.

0403.0100.01
REAR VIEW OF STEERING WHEEL

4.3.1.1 Right Hand Control

The right hand control is a rocker type switch with a push button in the center and controls the volume and mode of the sound system. Pressing the top of the rocker switch will increase the volume and pressing the bottom of the rocker switch will decrease the volume. Pressing the center button will make the radio switch between the various modes available (FM, AM, CD, DVD, SAT, NAV etc.).

Note: To switch to the navigation mode, push and hold the center button for 3 seconds.
To leave the navigation mode, push the button momentarily.



0403.0101.01
Right hand control switch

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4.3.1.2 Left Hand Control

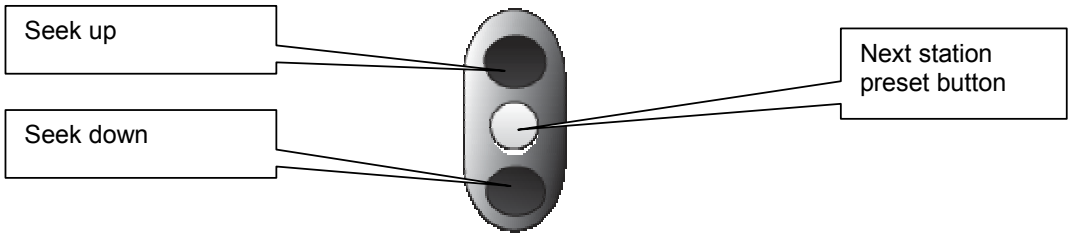
The left hand control is a rocker type switch with a push button in the center. The function of the left hand control is different depending on which mode you are in.

The following describes the left hand control operation in each mode.

4.3.2 Radio operation

Pressing the top of the switch will seek up for the next listenable station and pressing the bottom of the switch will seek down for the next listenable station.

The button located in the center of the left hand control will tune to the next preset station that is programmed in the radio station preset multifunction buttons.

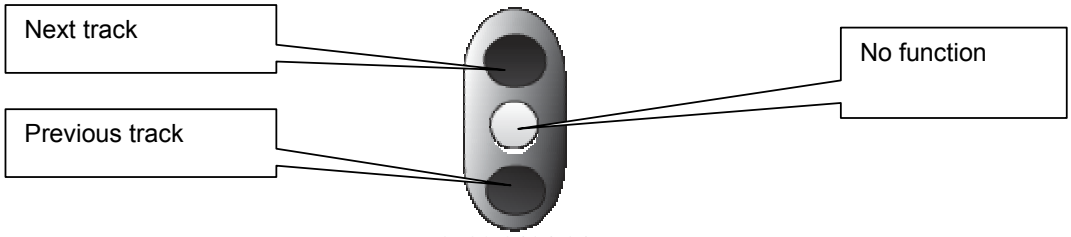


0403.0101.01
Left hand control switch

4.3.3 CD player operation – (single Disc in Radio)

Pressing the top of the switch will go to the next track on the CD and pressing the bottom of the switch will go to the beginning of the current track or to the beginning of the previous track if it is within eight seconds after the current track begins to play.

The button located in the center of the left hand control has no function.



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Left hand control switch

4.3.4 CD changer operation

Pressing the top of the switch will go to the next track on the CD and pressing the bottom of the switch will go to the beginning of the current track or to the beginning of the previous track if it is within one second after the current track begins to play.

The button located in the center of the left hand control will play the next disc in the CD changer.

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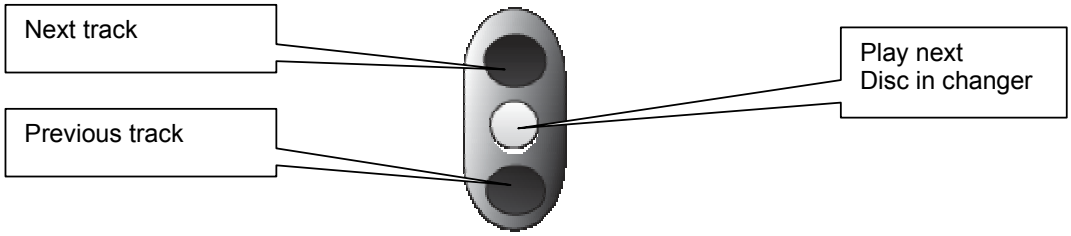

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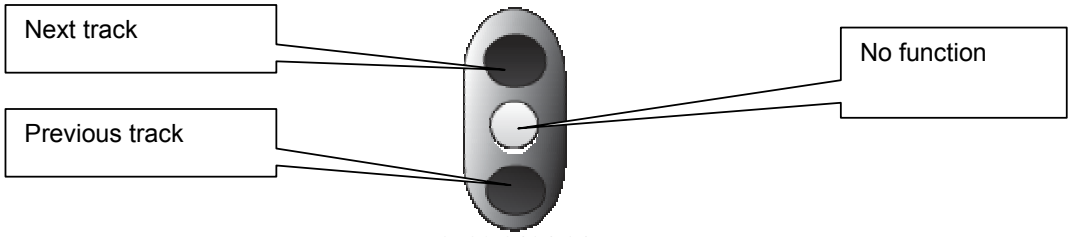
Left hand control switch

4.3.5 DVD Rear Seat Video™ operation

Pressing the top of the switch will go to the next track on the Disc and pressing the bottom of the switch will go to the beginning of the current track or to the beginning of the previous track if it is within one second after the current track begins to play.

The button located in the center of the left hand control has no function.



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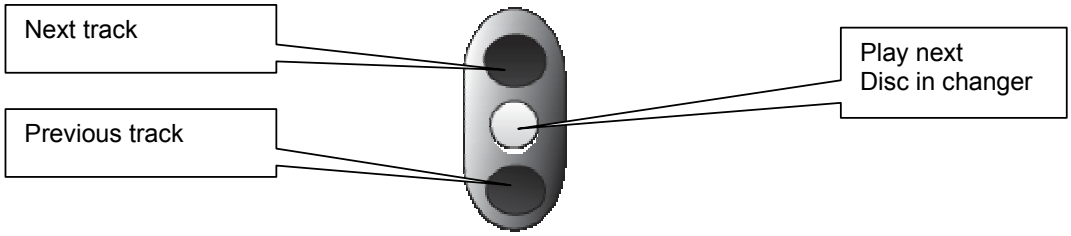
Left hand control switch

4.3.6 DVD Changer operation

Pressing the top of the switch will go to the next track on the Disc and pressing the bottom of the switch will go to the beginning of the current track or to the beginning of the previous track if it is within one second after the current track begins to play.

The button located in the center of the left hand control will play the next disc in the DVD changer.



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Left hand control switch

4.3.7 SAT operation (Satellite Radio)

Pressing the top of the switch will seek up for the next listenable station and pressing the bottom of the switch will seek down for the next listenable station.

The button located in the center of the left hand control will tune to the next preset station that is programmed in the radio station preset multifunction buttons.

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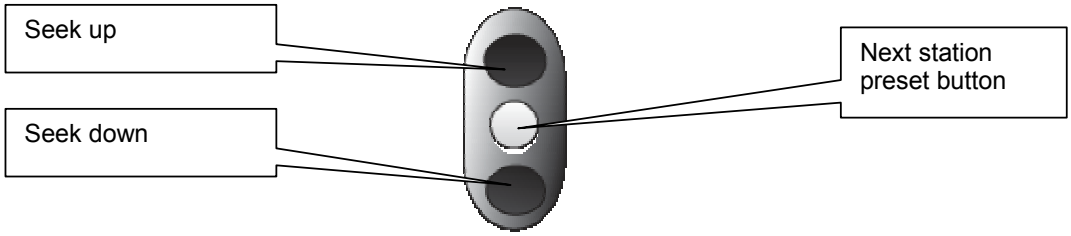

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Left hand control switch

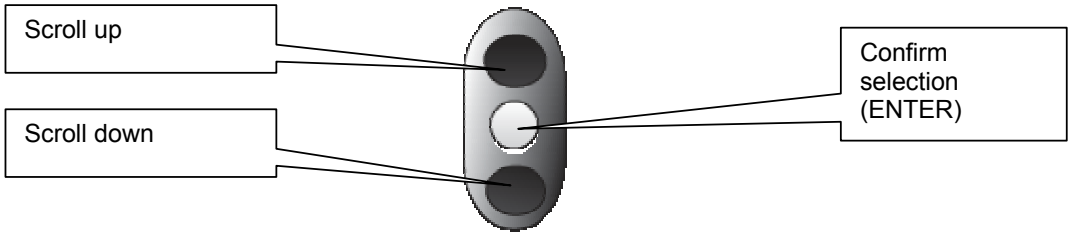
4.3.8 Hands Free Set for Cellular operation

The HFM functions are not supported by the steering wheel controls.

4.3.9 Navigation operation

Pressing the top of the switch will scroll up in selection lists and pressing the bottom of the switch will scroll down in selection lists.

The button located in the center of the left hand control will confirm the highlighted selection or will cancel your input or cancel your route guidance.



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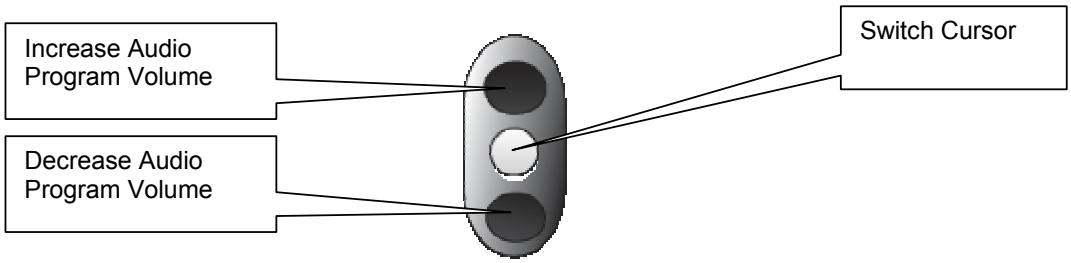
Left hand control switch



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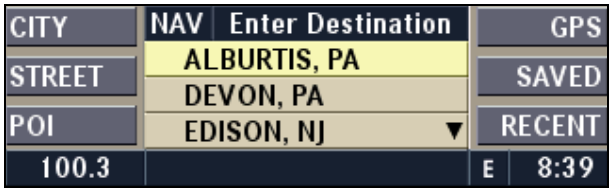
Right hand control switch



0403.0900.03
Cursor (yellow area) in central screen area.

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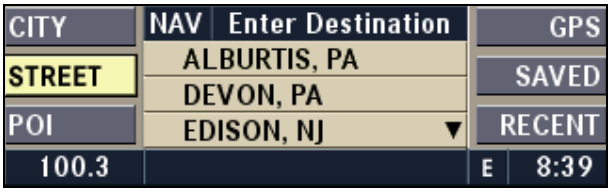
Press the right hand center button for less than 3 seconds, to switch the cursor back and forth between the list in the central screen area and the multifunction button area.



0403.0900.04
Cursor (yellow area) in multifunction button screen area.

Press the right hand center button for more than 3 seconds to switch between navigation mode and audio mode.

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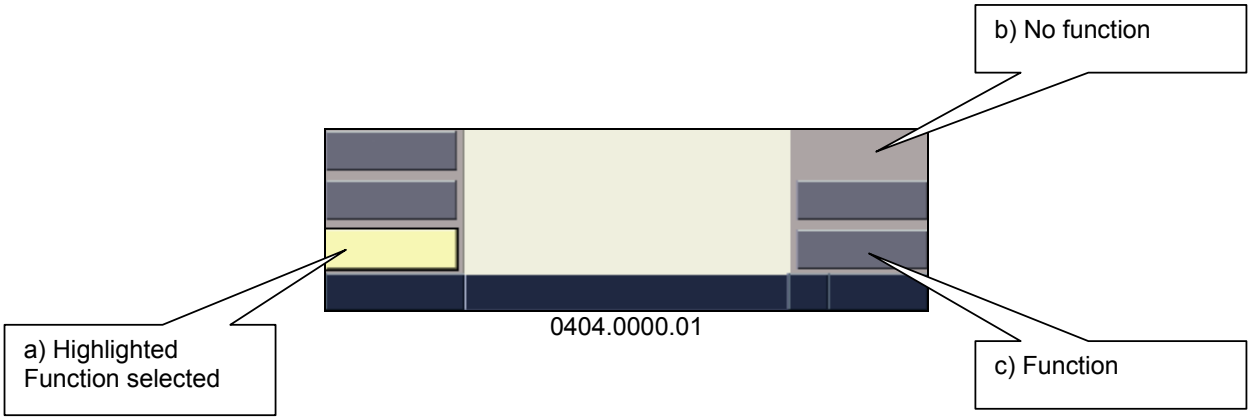
4.4 User interface menu system



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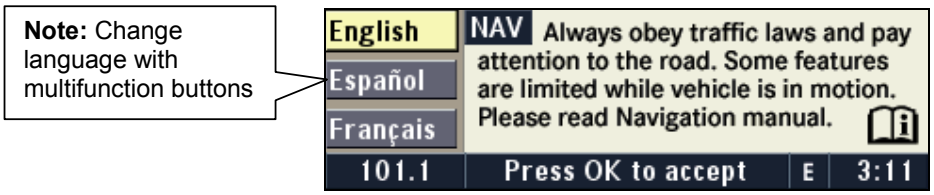
Available multifunction button states (button symbols):

a) A highlighted button symbol indicates an active function.
b) No button symbol indicates, that the use of this multifunction button has no effect.
c) A regular button symbol calls the function named on the button symbol.

4.5 Disclaimer for Navigation System

Before using the navigation system you have to confirm the disclaimer.



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The disclaimer will be activated in the navigation mode after the ignition was turned on.

4.5.1 Language selection

Press the multifunction button to change to the desired language.

Note: A navigation CD has to be inserted to change the language.

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4.6 Switching the unit ON / OFF

Power to operate the navigation radio is supplied through the ignition switch. It must be in the ON or ACC position to operate the navigation radio.

The radio is switched ON and OFF with the ignition switch. It is also possible to set the unit in standby mode during driving by pressing the ON / OFF / VOL rotary knob.

Note: If the ignition is switched off with the radio in standby mode, the radio memorizes the standby state if the ignition is switched on again. Press the ON / OFF / VOL rotary knob to switch the radio on.

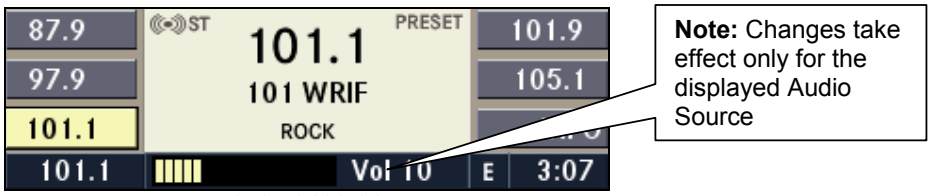
The navigation software is always working when the ignition is switched on, even if the radio is in standby mode.

It is possible to eject the CD and to display the time if the unit is switched off.

4.7 Audio Settings

4.7.1 Audio Volume

Increase or decrease volume by turning the VOL knob.



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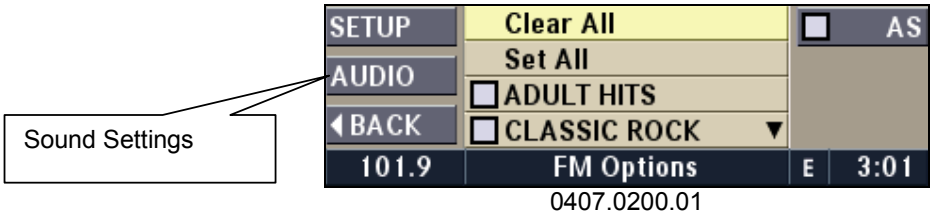
The volume level can be seen on the display while changing the volume.

There are different volume levels for audio programs, optional hands free phone, and navigation announcements.

Note: Set the navigation announcement volume by turning the VOL knob while a navigation announcement is playing. Also change the navigation announcement settings by initiating an announcement by pressing the **RPT** button (repeat) and adjusting the volume knob while the navigation announcement is repeating. The hands free phone volume can be changed, when the radio is in HFM mode.

4.7.2 Activate Sound Menu

Select the FM Options Menu by pressing the **OPT** button while in FM Mode.



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Press the AUDIO multifunction button to access the Audio Settings Menu.

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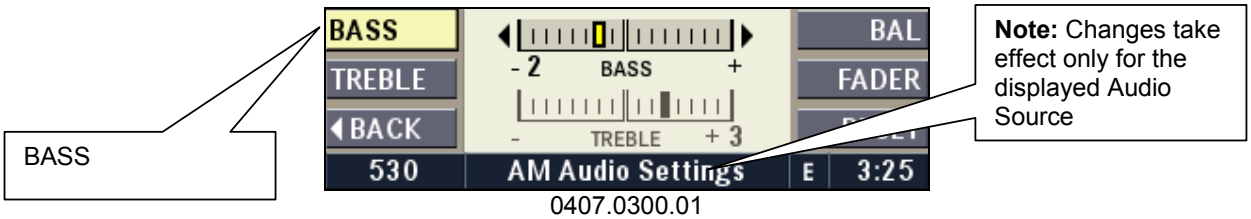
Note: BASS and TREBLE change only for the selected audio source shown in the status line. BAL and FADER change for all audio sources.

0407.0200.02

To return to the AM/FM Menu press the **AM/FM** button once.

4.7.3 Bass

To adjust the bass, activate the Sound Menu by pressing the AUDIO multifunction button in the Options Menu. Press the BASS multifunction button and adjust the bass to the desired level by turning the OK knob.

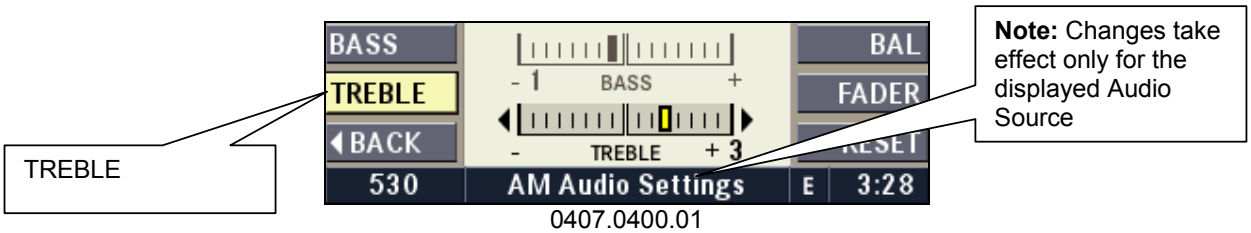


0407.0300.01

Note: BASS is the default so the multifunction button will only need to be pressed if you have selected another audio setting first.

4.7.4 Treble

To adjust the treble, activate the Sound Menu by pressing the AUDIO multifunction button in the Options Menu. Press the TREBLE multifunction button and adjust the treble to the desired level by turning the OK knob



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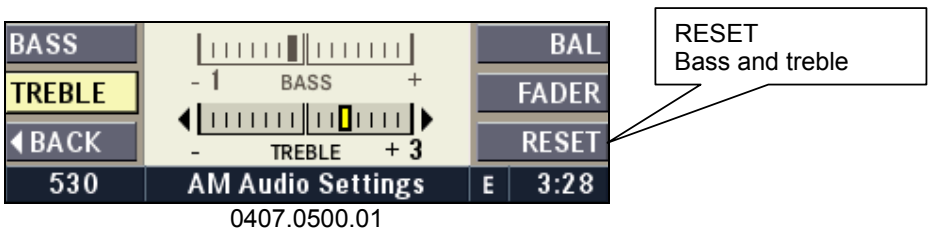
4.7.5 Bass / Treble Reset

To reset the tone settings to mid range, activate the Sound Menu by pressing the AUDIO multifunction button in the Options Menu. Press the BASS or TREBLE multifunction button first and then the RESET multifunction button.



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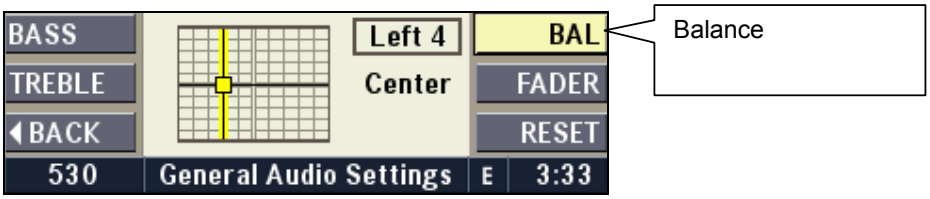
Note: The RESET multifunction button in the Audio Settings takes effect only to the bass and treble settings for the audio source shown in the status line of the display. Either the BASS or the TREBLE multifunction button has to be activated before pressing the RESET multifunction button.

4.7.6 Balance

To adjust the balance between the left and right speakers, activate the Sound Menu by pressing the AUDIO multifunction button in the Options Menu.

Press the BALANCE multifunction button and adjust the left / right balance to the desired level by turning the OK knob. The changes are displayed in the center of the screen.



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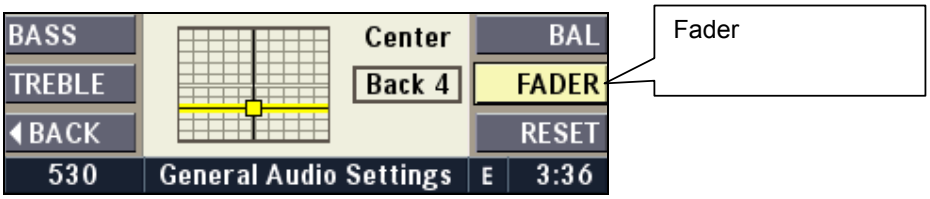
Note: The BALANCE multifunction button in the Audio Menu affects all audio sources.

4.7.7 Fader

To adjust the balance between the front and rear speakers, activate the Sound Menu by pressing the AUDIO multifunction button in the Options Menu.

Press the FADER multifunction button and adjust the balance to the desired level by turning the OK knob. The changes are displayed in the center of the screen.

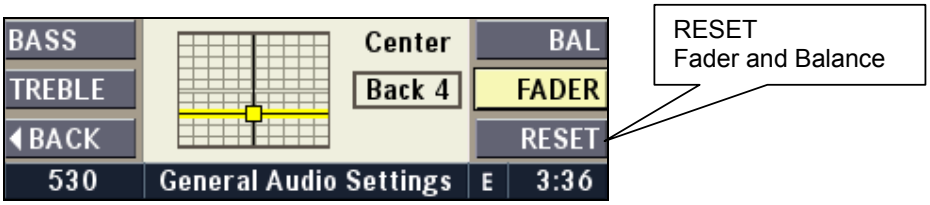


0407.0700.01

Note: The FADER multifunction button in the Audio Menu affects all audio sources except Hands Free Phone.

4.7.8 Balance / Fader Reset

To reset the balance / fader settings, activate the Sound Menu by pressing the AUDIO multifunction button in the Options Menu, press the FADER or BAL multifunction button, and then the RESET multifunction button.



0407.0800.01

Note: The RESET multifunction button in the Tone Menu takes effect for the balance and fader settings for all audio sources. The BAL or the FADER multifunction button has to be activated before pressing the RESET multifunction button.

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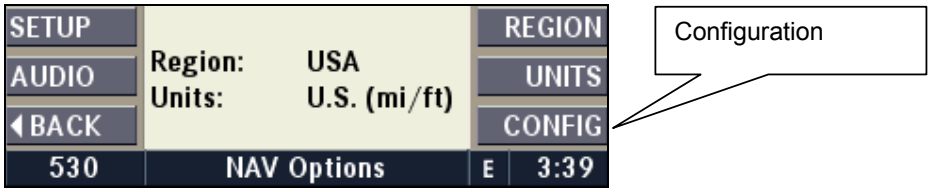
4.7.9 NAV Volume

This adjusts the amount the entertainment audio decreases during a navigation announcement. It lets you hear some, none, or all of the entertainment audio while a navigation announcement is playing.

Press the **NAV** button to switch to navigation mode first. To adjust the settings for the automatic audio program volume change, activate the Navigation Options Menu by pressing the **OPT** button in the Main Navigation Menu.



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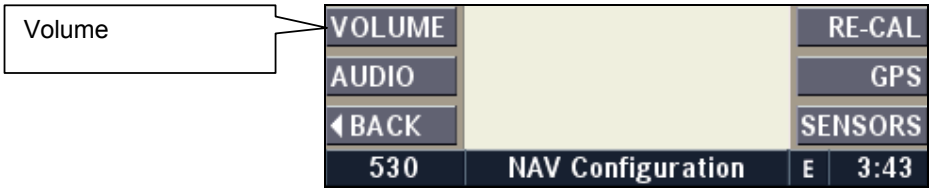
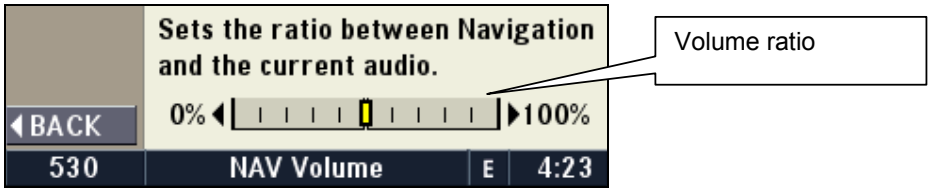
Navigation Options Menu.

Press the CONFIG multifunction button to display the Navigation Configuration Menu.



0407.0900.02
Navigation Configuration Menu.

Press the VOLUME multifunction button to display the Navigation Volume Menu.



0407.0900.03
Navigation Volume Menu.

Change the volume ratio between audio source and navigation voice by turning the VOL rotary knob.

This means that the volume of the normal audio program will be decreased to a fixed value according to the setting. Setting 0%: No decrease - Setting 100%: Strong decrease.

Test the value by pressing the **RPT** button to hear the audio decrease while a navigation prompt is playing.

Exit the Navigation Volume Menu by pressing the **NAV** button once.

4.7.10 Mute

When decreasing the volume to zero by turning the VOL/OK knob, the display will show a MUTE symbol.

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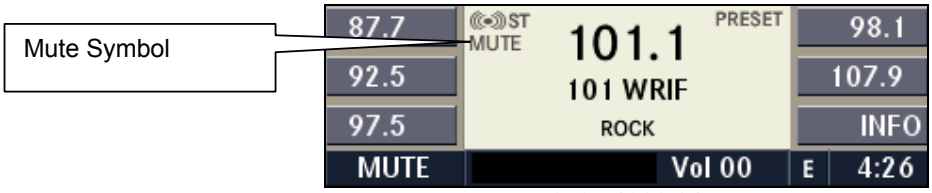


0407.1000.01

4.8 Clock operation

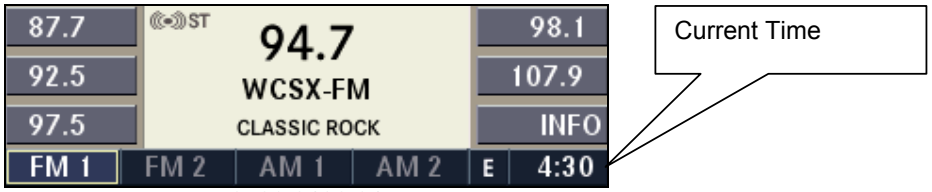
This navigation radio is equipped with a GPS (Global Positioning System) receiver. Its internal clock is automatically set with atomic clock accuracy, as soon a GPS reception is available.

You must choose your local time zone in order to display the current local time by setting the clock.

The time is always displayed in the right hand corner of the status line.

4.8.1 Displaying the time

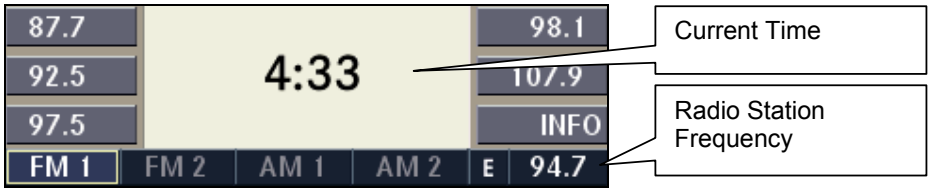
The time is displayed in the right hand corner of the status line in the display. The default time zone is ET Eastern Time (UTC-5). Coordinated Universal Time (UTC) is, colloquially, “Greenwich Mean Time (GMT)”. The default time is set by a GPS satellite and has the accuracy of an atomic clock.



0408.0100.01
Time Display in FM Mode.

Press the **TIME** button to display the time in the main display.

Note: If GPS is not available, this screen might temporary show “Please wait…”

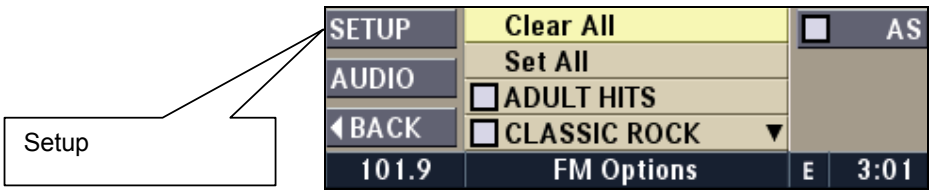


0408.0100.02
Time Display in FM Mode.

Press **TIME** button again to go back to the main screen.

4.8.2 Time Setup Menu

Select the FM Options Menu by pressing the **OPT** button.



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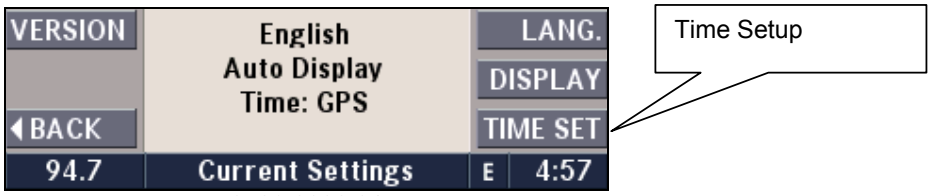
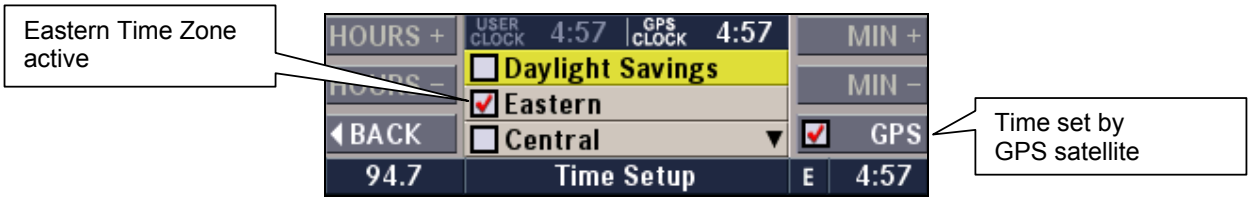
0407.0200.01

Press the SETUP multifunction button to access the Current Settings Menu.



0408.0200.01

Press the TIME SET multifunction button to access the Time Setup Menu.

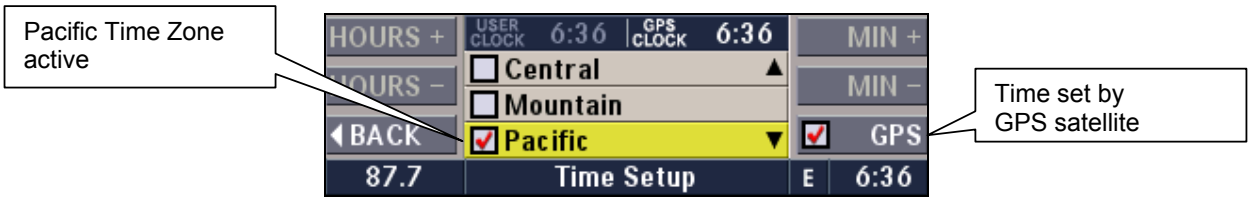


0408.0200.02

Time Setup Menu shows Eastern time set by satellite.

4.8.3 Changing Time Zone Offset

Turn the SELECT rotary knob until the desired time zone is highlighted. Press the SELECT rotary knob to mark the checkbox and confirm your selection.



04080300.01

Time Setup Menu shows Pacific time set by satellite.

Press the BACK multifunction button twice to get back to the main screen.

Note: Press AM/FM, MODE or NAV to exit directly to the radio or to navigation screen.

4.8.4 12 / 24 Hour Mode

This navigation radio operates in 12 hour mode only.

4.8.5 Daylight Savings Time

Turn the OK knob until Daylight Savings is highlighted. Press the OK knob to mark the checkbox and confirm your selection.

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0408.0500.01
Daylight Savings function active.

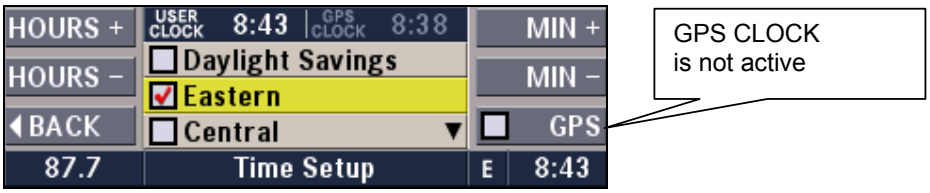
Press the BACK multifunction button twice to get back to the main screen.

Note: Press AM/FM, MODE or NAV to exit directly to the radio or to navigation screen.

4.8.6 Offsetting the Clock

For those who desire to set the clock fast, the time can be set forward or backward. The clock will still be as accurate as an atomic clock.

Press the GPS multifunction button to activate the USER CLOCK function. The HOURS and MIN multifunction button are now available to set an offset. This offset is maintained when you change the time zones.



0408.0600.01
User Clock function active (5 min. offset).

Press the BACK multifunction button twice to get back to the main screen.

Note: Press AM/FM, MODE or NAV to exit directly to the radio or to the navigation screen.

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5 Radio mode

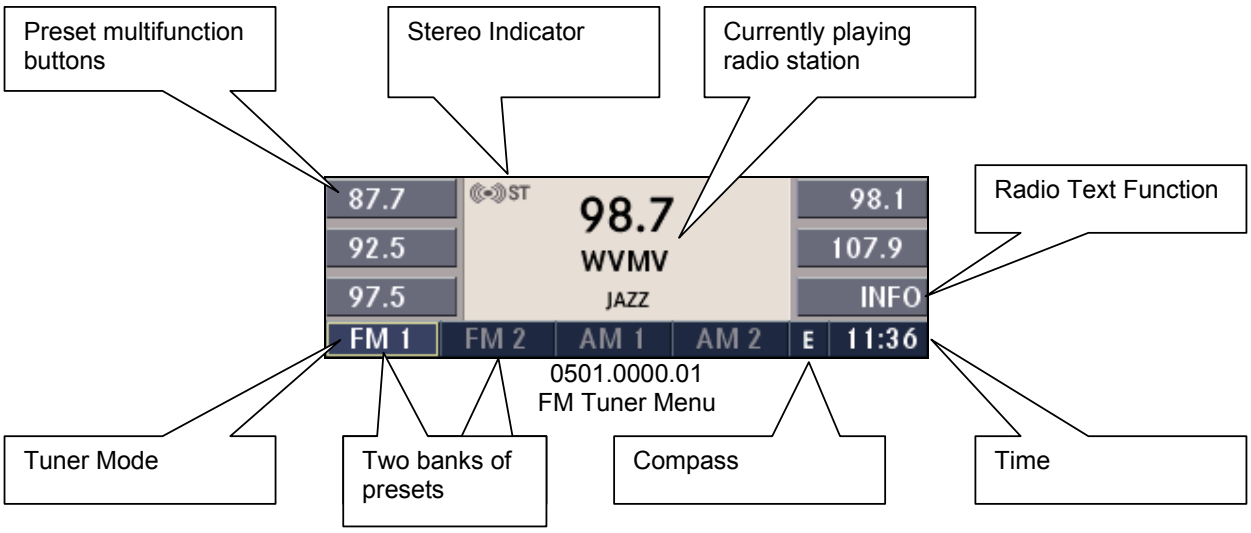
5.1 Overview

The navigation radio is equipped with 2 different tuners:
FM 87.9 MHz – 108 MHz
AM 530 kHz – 1700 kHz

It also has additional control functions for a Satellite Radio.

The different audio modes can be selected via the audio base screen. The tuner mode is the default mode after a new connection to battery (AM, preset station 1).

The tuner mode's last used station is automatically selected after all CDs have been ejected in the CD Mode.



0501.0000.01
FM Tuner Menu

5.2 Station keys

There are 10 station keys available for storing the radio stations in the FM range and 12 station keys for the AM range. Half are available under FM1 or AM1 and the other half under FM2 or AM2.

Note: If your vehicle is equipped with Memory System, your Remote Keyless Entry Transmitter or Memory System Buttons can and will be used to recall the navigation radio settings. It is necessary to save the settings into the Memory System after changes are made to the radio (see car manual). Otherwise the settings (e.g. radio station presets or tone settings) will be replaced next time the car is unlocked with a Remote Keyless Entry Transmitter.

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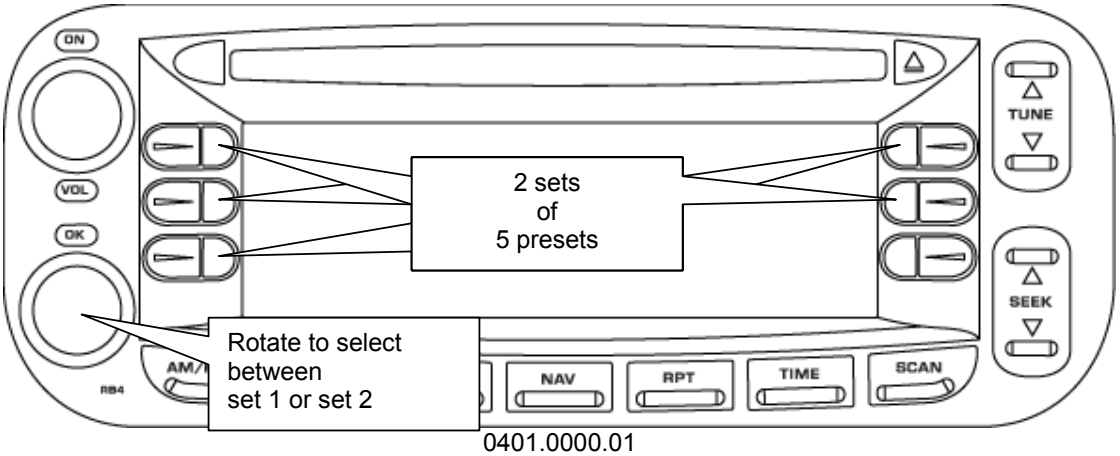
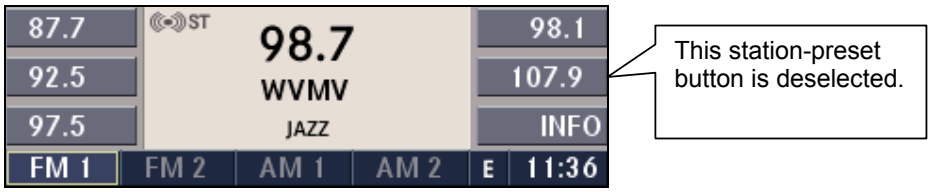


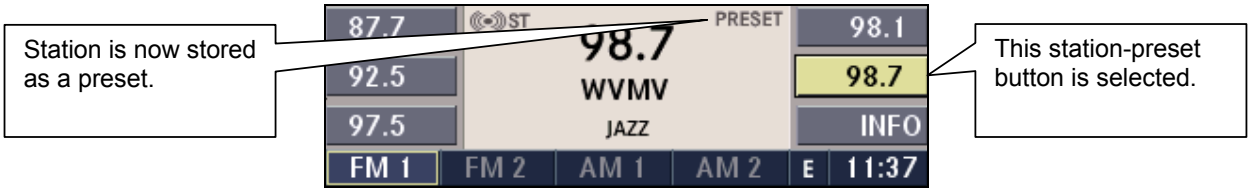
0401.0000.01

You can access the second set of station preset buttons by turning the OK knob to toggle between the FM1 and FM2 sets.



0501.0000.01

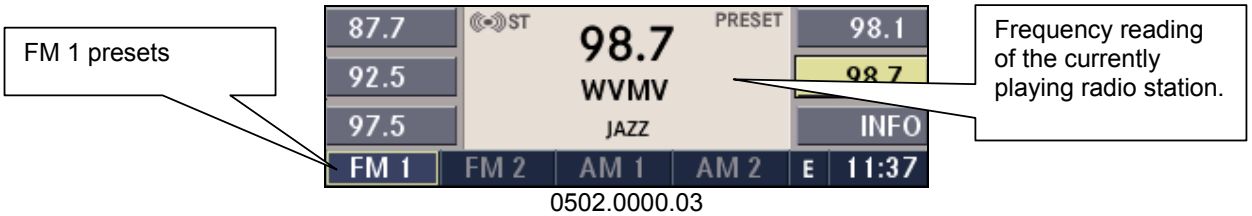
In order to store the desired station, press one of the station preset buttons for more then 3 seconds. You will also see the radio station stored in the highlighted multifunction button symbol and PRESET is displayed in the upper right corner of the screen.



0502.0000.03

5.3 Selecting FM Tuner

Press the **AM/FM** button repeatedly until the FM1 or FM2 range is displayed.



0502.0000.03

5.3.1 Changing menu in the FM range

Turn the OK rotary knob to toggle between the FM1 and FM2 range.

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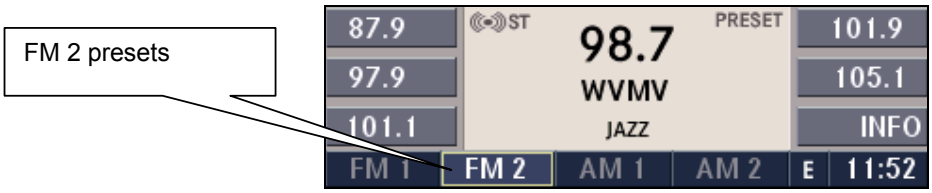
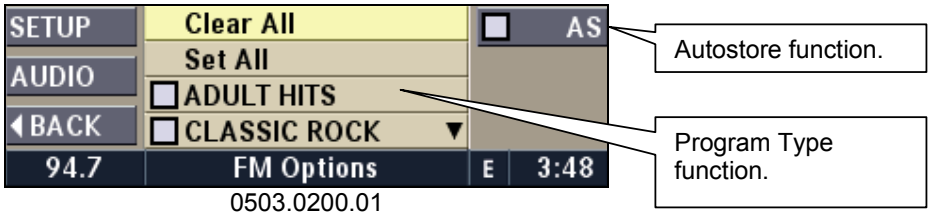


0503.0100.01

5.3.2 FM Options

While in FM Mode press the **OPT** button to display the FM Options.



0503.0200.01

See 5.6 Autostore for more information.
See 5.3.4 PTY for more information.

5.3.3 RBDS (Radio Broadcasting Data System)

This radio navigation system is capable of receiving RBDS signals in the FM band. RBDS is a technology for transmitting inaudible information. This means that the station broadcast information can be evaluated by the radio.

Note: Not all radio stations support RBDS.

The RBDS information is displayed with the frequency reading of the currently playing radio station in the center of the display.

0502.0000.03

5.3.3.1 Radio Text Information

If the INFO multifunction button is enabled (button text white), then there is additional radio text information available.

0502.0000.03

Press the INFO multifunction button to display the information.

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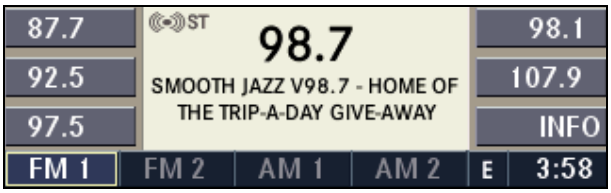


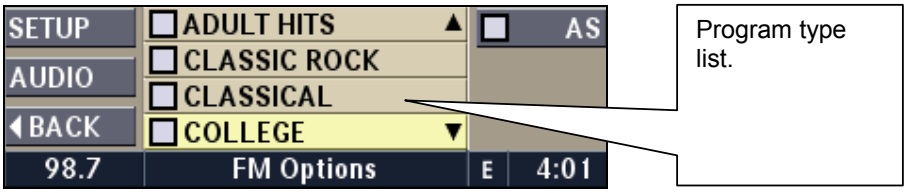
0503.0303.03

5.3.4 PTY function (Program Type Filter)

PTY is only available in FM mode.
Radio stations are grouped according to their program (e.g. Soft Rock, or Rhythm & Blues), thus permitting a specific search for stations with the selected program code.

5.3.4.1 PTY Seek

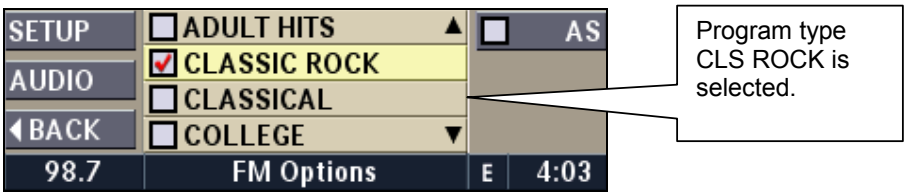
While in FM mode, press the **OPT** button. The screen shows a list with available program types.



0503.0401.01
FM Options Menu.

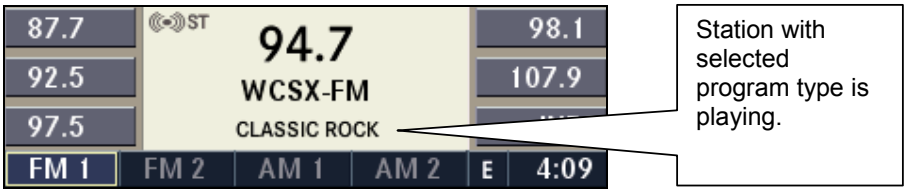
Select one or more of the desired program types by turning the OK knob and confirming the selections by pressing the knob.

Note: Confirming the “Clear all” line unmarks all checkboxes and confirming the “Set all” line marks all checkboxes.



0503.0401.02
FM Options Menu.

Press the **SEEK** button up or down to start the seek function. You must start SEEK from this PTY screen to seek by PTY.



0503.0401.03
FM Menu.

The radio is now playing the first available station with CLASSIC ROCK program type.

Note: To SEEK the next radio station with the same program type, press **OPTION** button again,

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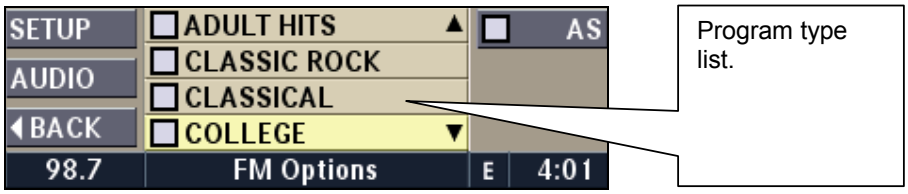
the last selection is still marked, and press the **SEEK** button again. A station must be broadcasting RBDS PTY information to be considered during this seek.

5.3.4.2 PTY Scan

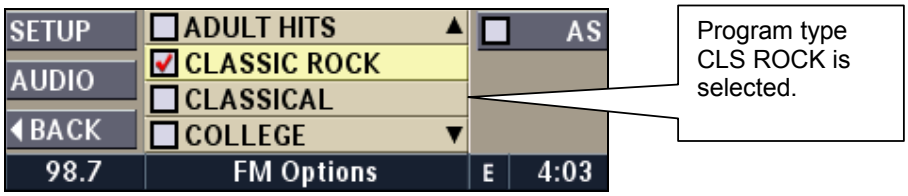
While in FM mode press the **OPT** button, the screen shows a list with available program types being received.



0503.0401.01
FM Options Menu.

Select one or more of the desired program types by turning the OK knob and confirming the selections by pressing the knob.

Note: Confirming the “Clear all” line unmarks all checkboxes and confirming the “Set all” line marks all checkboxes.



0503.0401.02
FM Options Menu.

Press the **SCAN** button to start the scan function. You must start SCAN from this PTY screen to scan by PTY.

0503.0402.01
FM Menu in Scan Mode.

The radio is now scanning through all available stations with the selected program types.
Press the **SCAN** button again to stop the scan function and to select the currently playing radio station.

Note: If you press the **SCAN** button again after a station is selected, the PTY filter is automatically deselected and all program types will be scanned for stations (see 5.9.Scan Search for more information).

5.3.4.3 Program Types

The following program types are possible:

Adult hits
Classical music
Classic rock
College
Country
Information programs
Jazz
Language
News
Nostalgia
Oldies
Personality

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Public
Rhythm & Blues
Religious music
Religious talk
Rock
Easy listening
Soft Rhythm & Blues
Soft rock
Sports
Talk
Top 40
Weather

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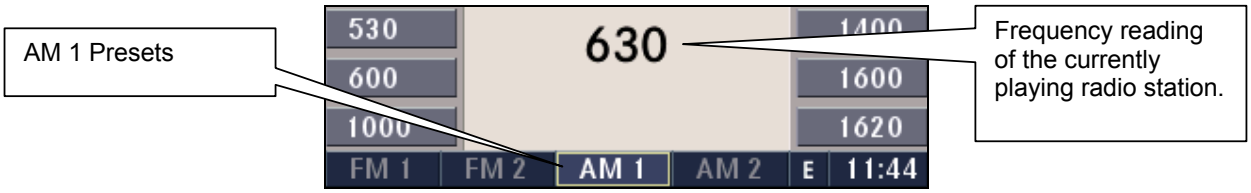
5.4 Selecting AM Tuner

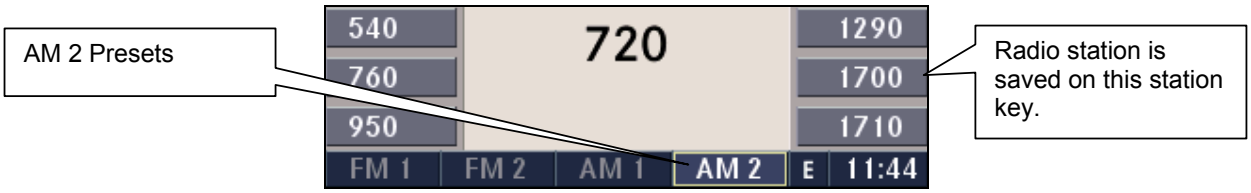
Press the **AM/FM** button repeatedly until the AM1 or AM2 range is displayed.



0504.0000.01

5.4.1 Changing menu in the AM range

Turn the OK knob to toggle between the AM1 and AM2 range.



0504.0100.01

5.4.2 AM Options

While in AM Mode press the **OPT** button to display the AM Options.

0504.0200.01

See 5.6 Autostore for additional information.
See 4.7 Audio Settings for additional information.

5.5 Selecting SAT Tuner (Satellite Radio)

Press the **MODE** button repeatedly until the SAT range is displayed.

Note: The satellite radio antenna requires an unobstructed view to the sky to function. The satellite radio tuner will not work in tunnels, garages, for example.

0505.0000.01

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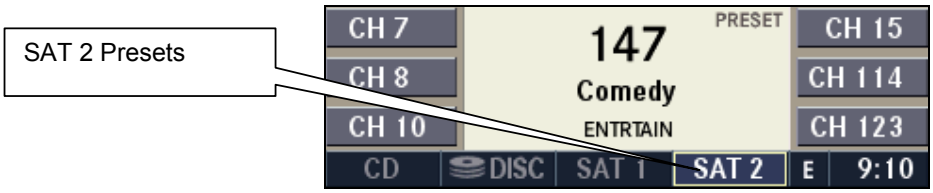
5.5.1 Changing menu in the SAT range

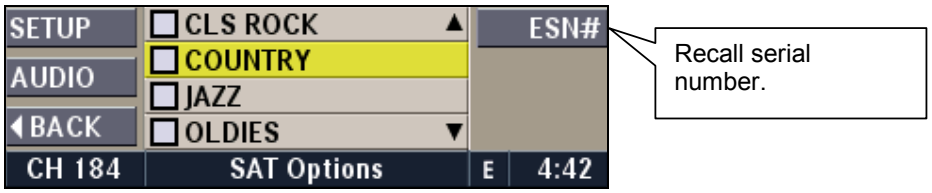
Press the **MODE** button repeatedly until the SAT 2 range is displayed.



0505.0100.01

5.6 SAT Options

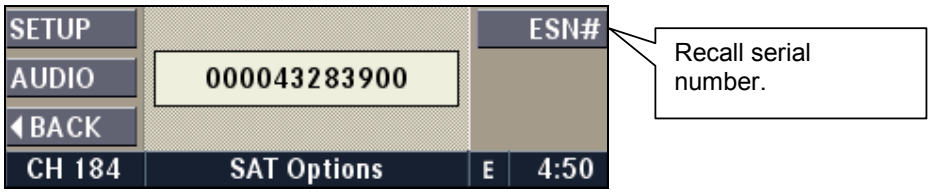
While in SAT Mode press the **OPT** button to display the SAT Options.



0506.0000.01

5.6.1 Satellite Radio Activation

While in SAT Options Menu press the ESN# multifunction button to display the Electronic Serial Number.

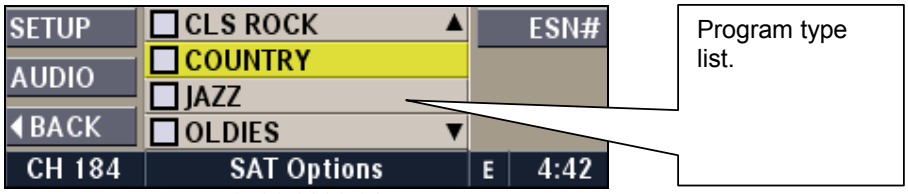


0506.0100.01

Follow the instructions in the SAT user manual and submit the ESN# to your SAT-provider.
Call (888) 539-SIRI or activate the receiver online at http://www.sirius.com.

5.6.1.1 PTY Seek

While in SAT mode press the **OPT** button, the screen shows a list with available program types being received.



0506.0000.01
SAT Options Menu.

Select one of the desired program types by turning the OK knob and confirming the selections by pressing the knob.

Note: You can select only one program type.

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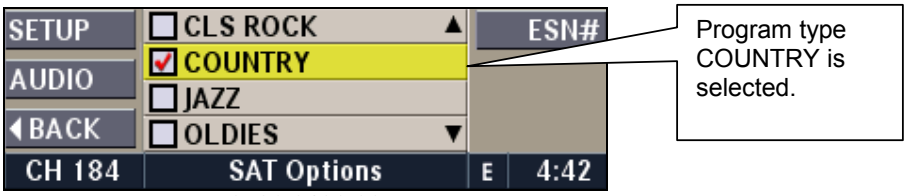
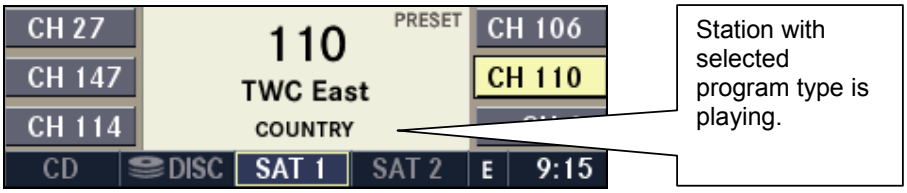


0506.0102.02
SAT Options Menu.

Press the **SEEK** button up or down to start the seek function. You must start SEEK from this PTY screen to seek by PTY.



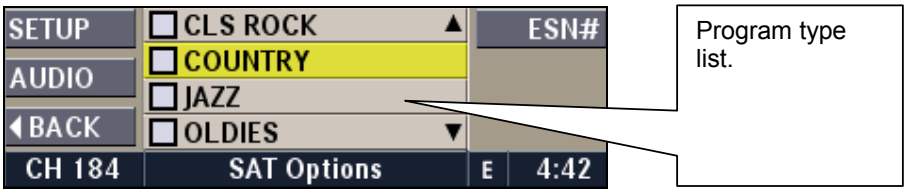
0506.0101.03
SAT Menu.

The radio is now playing the first available station with CLASSIC ROCK program type.

Note: To SEEK the next radio station with the same program type, press **OPTION** button again, the last selection is still marked, and press the **SEEK** button again.

5.6.1.2 PTY Scan

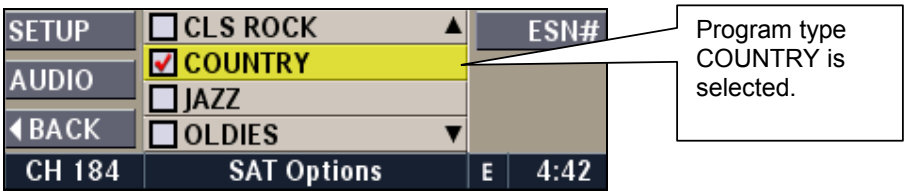
While in SAT mode press the **OPT** button, the screen shows a list with available program types being received.



0506.0000.01
SAT Options Menu.

Select one of the desired program types by turning the OK knob and confirming the selections by pressing the knob.

Note: You can select only one program type.



0506.0102.02
SAT Options Menu.

Press the **SCAN** to start the scan function. You must start SCAN from this PTY screen to scan by PTY.

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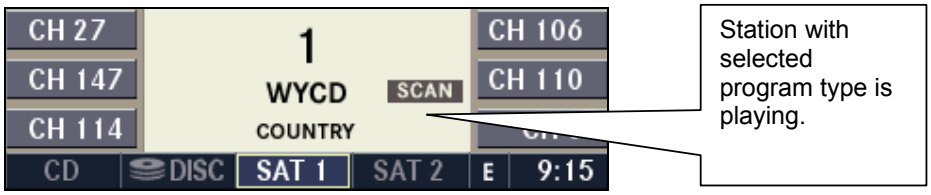


0506.0102.03
SAT 1 Menu.

The radio is now playing the first available station with COUNTRY program type.

Note: If you press the **SCAN** button again after a station is selected, the PTY filter is automatically deselected and all program types will be scanned for stations (see 5.9.Scan Search for more information).

5.6.1.3 Satellite Radio Program Types

The list of program types is automatically updated via satellite. You find actual program type lists at your satellite radio provider.

On in the internet at: http://www.sirius.com

5.7 Autostore

Autostore assigns the best-received radio stations to an additional 10 station presets in FM, or an additional 12 station presets in AM.

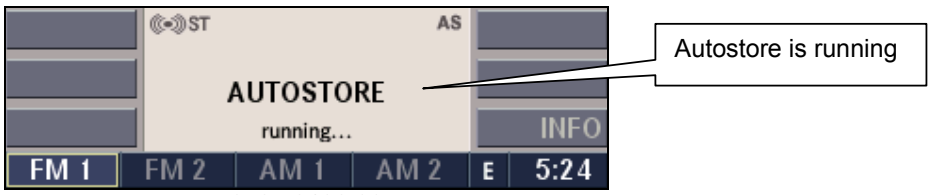
Note: This function must be performed separately for FM and AM.

5.7.1 Starting autostore

Select the Options Menu in FM or AM range.

0507.0100.01

Select the autostore mode in the FM Options Menu by pressing the AS multifunction button.



0507.0100.02

The autostore function is now scanning the selected band for the best available radio stations in your area.
If you leave the scanned area, you need to activate autostore again, to update to the new area.

Note: It may take several seconds until all radio stations are scanned.

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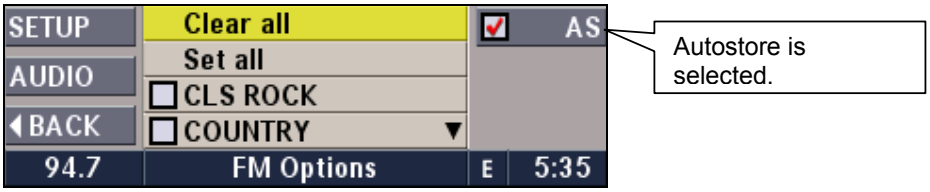
5.7.2 Retrieving autostore memory

Select the Autostore Mode by pressing the AS button in the FM Options Menu (or AM Options Menu for Autostore in AM band.) Press a station preset button to select the radio station that is assigned to it.

0507.0200.01

5.7.3 Switching autostore off

Deselect the Autostore mode by pressing the AS button in the FM Options Menu again (or in AM Options Menu again to deselect Autostore in AM band.) The presets for that band (AM or FM) will return to the values set before you activated Autostore.



0507.0300.01

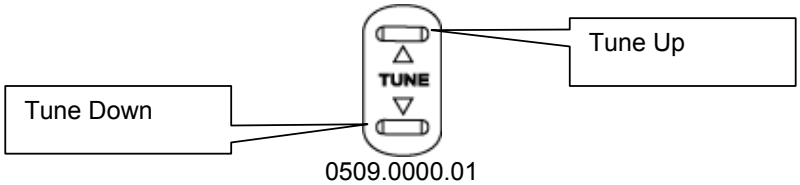
5.8 Automatic station finder

Press the **SEEK** button. The next radio station is selected and played.

0508.0000.01

5.9 Manual station tuning

Press the **TUNE** button to select a frequency manually. (200 kHz tuning steps)



0509.0000.01

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5.10 Scan Search

Scan Search is an automatic station finder that plays the available stations, in succession, for approximately 8 seconds each.

5.10.1 Start Scan Search

Press the **SCAN** button in any of the radio modes (FM, SAT or AM).

0510.0100.01
FM Mode with Scan function active.

5.10.2 Stop Scan Search

Press the **SCAN** button again. The scan will stop and the currently scanned station will continue playing.

5.10.3 Automatic Stop Scan

The scan stops after the frequency range is scanned completely twice.

Note: If there are no radio stations (not likely, unless the antenna is not connected) the selected band is scanned twice, then scanning stops.

5.10.4 Automatic Stop Scan with SEEK button

The scan stops if the **SEEK** up button is pressed. The tuner skips to the next station.
If the **SEEK** down button was pressed, the tuner reverts to the previous station.

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6 CD single mode

6.1 Inserting a CD

With the printed side upwards, insert the CD into the CD slot of the radio unit.
The unit automatically pulls in the CD, selects CD mode, and starts playing the first track. The display shows LOADING during this loading process.

Note: A faulty CD is automatically ejected. Artist and song information is not supported. MP3 format is not supported. Use only standard size CDs. Small single CDs can only be used with a SONY adapter tray.

If the user doesn't remove an ejected CD within 10 seconds, the CD is reloaded.

A feature of this navigation radio is once a navigation route has been started, the navigation CD is no longer needed. The unit can navigate while playing an audio CD. If the navigation needs additional information to recalculate a new route, the user is prompted to reinsert the Navigation CD.

Note: The navigation radio comes with a digital navigation CD ROM. Do not lose or damage. Replacement is at the owner's expense.

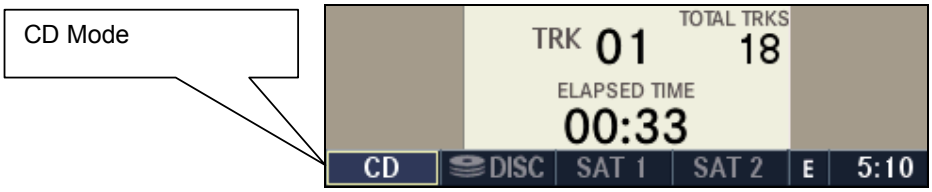
6.2 Removing a CD

Press the **EJECT** button. The CD is ejected and can be removed.

Note: If the CD is not removed within approximately 10 seconds, the unit pulls it back into the slot (park position). The CD can be ejected when the ignition is off.

6.3 Selecting CD mode

Press the **MODE** button repeatedly until CD mode (CD) has been selected or, if no CD is inserted, insert an Audio CD.



0603.0000.01
CD mode active

6.4 Scan search

Select the CD you wish to scan.

6.4.1 Start

Press the **SCAN** button.

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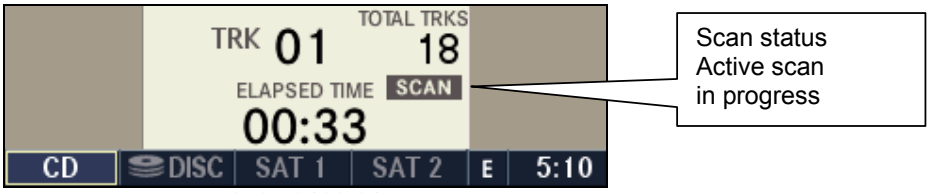

0604.0100.01
Scan active

The individual tracks of the current CD will be played in succession for approximately 8 seconds each.

6.4.2 Terminate

Press the **SCAN** button again. Optional: Select the next track with one of the steering wheels controls.

6.5 Skip

0605.0000.01

6.5.1 Forward

Press the **SEEK** up button.
The next track of the current CD is played.
Once the last track has been reached in the forward direction, the unit will loop back to the first track.
If a track has been playing for more than 10 seconds when **SEEK** down button is pressed, the unit will skip back to the beginning of the current track instead of jumping to the previous track.

6.5.2 Backward

Press the **SEEK** down button.
The previous track of the current CD is played.
If the first track has been reached in the backward direction, the unit will switch from the first track to the last track.
If a track has been playing for more than 10 seconds when **SEEK** down button is pressed, the unit will skip back to the beginning of the current track.

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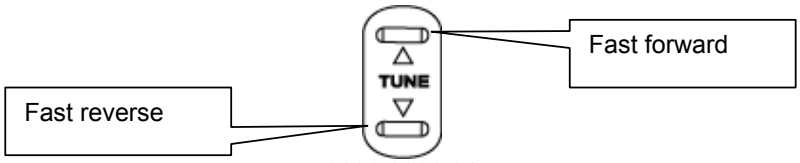
6.6 Fast Forward / Fast Reverse



0606.0000.01

6.6.1 Fast Forward

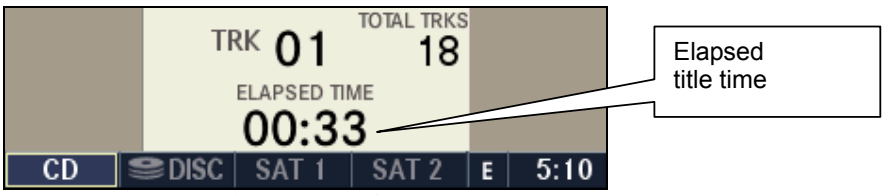
Press the **TUNE** up button.
The audio continues to be heard with a reduced level while going through the track at an accelerated speed in this mode.
Stop the fast-forward by releasing the **TUNE** button.

6.6.2 Fast Reverse

Press the **TUNE** down button.
The audio continues to be heard with a reduced level while going through the track backwards at an accelerated speed in this mode.
Stop the fast reverse by releasing the **TUNE** button.

6.7 Displaying the elapsed title time

Activate the CD or CD Changer Mode.
The elapsed title time of the current playing track is displayed in the center of the screen.



0603.0000.01

6.8 CD Options

While in CD mode press the **OPT** button to display the CD Options.

0608.0000.01

6.8.1 Random playback

The random play function plays random tracks from the current CD. Press the RND multifunction button in the CD Options Menu to switch the random play function on or off.

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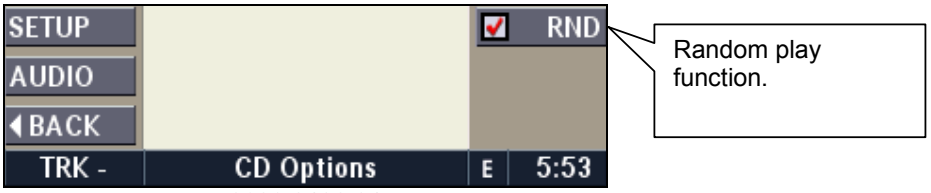
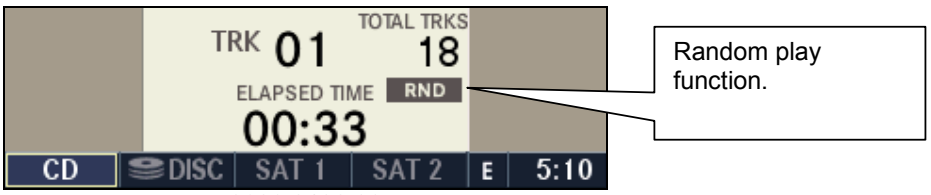


0608.0100.01
Random Play function active.

A red checkmark indicates the active random play function in the CD Options Menu.



0608.0100.02
Random Play function active.

A RND symbol indicates the active Random Play function in the CD menu.

6.9 CD Skipping

Typically caused by a damaged (scratched) CD. If you have a bad track the radio will step forward every 10 seconds until the damaged area is passed.

6.10 Temperature protection

If the temperature of the CD reader during operation becomes too high, the display shows a temperature error. The unit switches to radio mode until the CD reader temperature has dropped to a normal level.

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7 CD changer mode (optional)

This navigation radio is designed to be compatible with factory installed CD / DVD changers in some MY'03 and MY'04 models. Earlier model year vehicles with factory installed CD / DVD changers may not work properly.

7.1 Selecting CD changer mode

Press the **MODE** button repeatedly until CD changer mode (CDC) has been selected.

0701.0000.01
CD Changer Mode active, CD tray 1 is playing

7.2 Selecting a CD

7.2.1 Selecting a CD

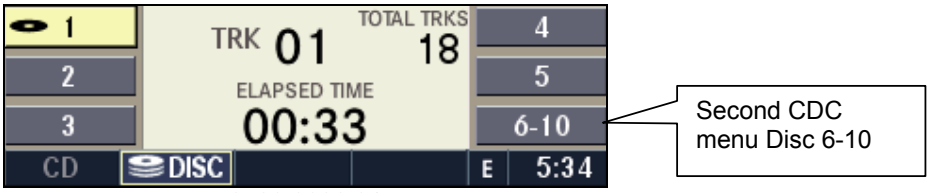
Press a multifunction button with a CD symbol to select a CD.

0702.0100.01
CD Changer Mode active, Track 1 of tray 2

Note: The currently selected CD tray number is displayed in AM/FM Mode also. "1TRK2" indicates the CD changer mode is playing track 1 from the audio CD in tray 2.

7.2.2 Selecting CD 6-10 in a 10 Disc Changer

Press the 6-10 multifunction button to switch to the second changer menu, when you have a 10 Disc Changer.



0702.0200.01
CD Changer Mode active, Track 1 of tray 1

The multifunction button changes to 1-5 and is highlighted to indicate that one of the discs in tray 1-5 is playing.

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0702.0200.02
CD Changer Mode active, Track 1 in one of the trays 1-5

Press a multifunction button with a CD symbol to select a CD.

0702.0200.03
CD Changer Mode active, Track 1 of tray 8

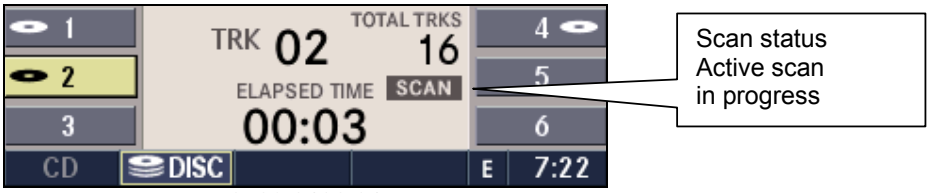
To access the trays 1-5 press the 1-5 multifunction button.

7.3 Scan search

Select the CD Changer Mode and select the Audio CD you wish to scan.

7.3.1 Start

Press the **SCAN** button.



0703.0100.01
Scan active

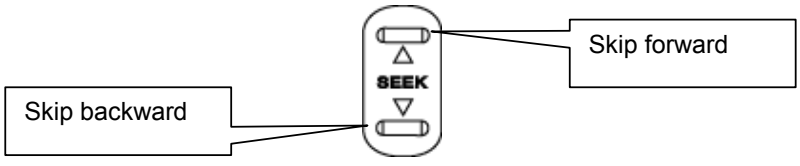
The individual tracks of the current CD will be played in succession for approximately 8 seconds each. This only scans the current CD.

7.3.2 Terminate

Press the **SCAN** button again.

Optional: Select the next track with one of the steering wheels controls.

7.4 Skip



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0704.0000.01

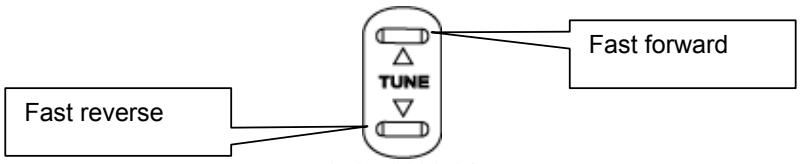
7.4.1 Forward

Press the **SEEK** up button. The next track of the current CD is played.
Once the last track has been reached in the forward direction, the unit will switch back to the first track. If a track has been playing for more than 10 seconds when **SEEK** down button is pressed, the unit will skip back to the beginning of the current track instead of jumping to the previous track.

7.4.2 Backward

Press the **SEEK** down button. The previous track of the current CD is played.
If the first track has been reached in the backward direction, the unit will switch from the first track to the last track. If a track has been playing for more than 10 seconds when **SEEK** down button is pressed, the unit will skip back to the beginning of the current track.

7.5 Fast Forward / Fast Reverse



0705.0000.01

7.5.1 Fast Forward

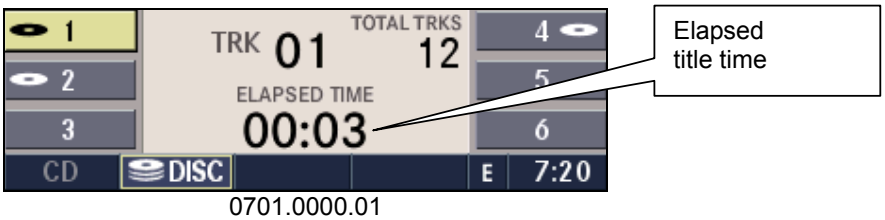
Press the **TUNE** up button.
The audio continues to be heard with a reduced level while going through the track at an accelerated speed in this mode.
Stop the fast-forward by releasing the **TUNE** button.

7.5.2 Fast Reverse

Press the **TUNE** down button.
The audio continues to be heard with a reduced level while going through the track backwards at an accelerated speed in this mode.
Stop the fast reverse by releasing the **TUNE** button.

7.6 Displaying the elapsed title time

Activate the CD or CD Changer Mode.
The elapsed title time of the current playing track is displayed in the center of the screen.



0701.0000.01

7.7 CD Changer Options

While in Changer Mode press the **OPT** button to display the Changer Options.

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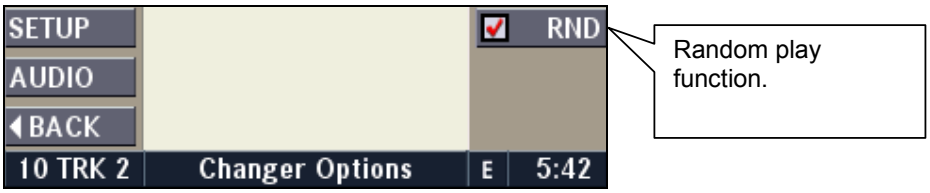
0707.0000.01
Changer Options Menu

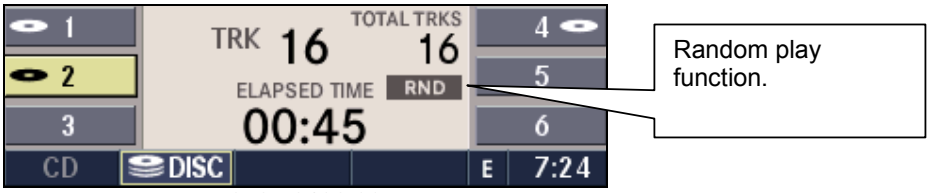
7.7.1 Random playback

The Random Play function plays random tracks from the current CD. Press the RND multifunction button in the Changer Options Menu to switch the random play function on or off.



0707.0100.01
Random Play function active.

A red checkmark indicates the active random play function in the Changer Options Menu.



0707.0100.02
Random Play function active.

A RND symbol indicates the active Random Play function in the Changer Menu.

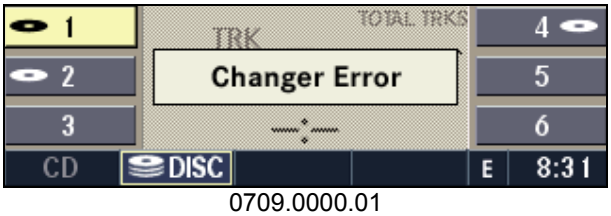
7.8 Temperature protection

If the temperature of the CD reader during operation becomes too high, the display shows a temperature error. The unit switches to radio mode until the CD reader temperature has dropped to a normal level.

7.9 Disc Error

If “Changer Error“ is displayed on radio, check disc orientation in Disc Changer.

Note: A incompatible CD changer can also cause this error message.



0709.0000.01

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8 DVD single mode (optional)

8.1 Inserting a Disc

With the printed side upwards, insert the Disc into the CD slot of the DVD unit.
The unit automatically pulls in the Disc and selects DVD mode, and starts playing the first track. The display shows LOADING during this process.

Note: A faulty Disc is automatically ejected. Artist and song information is not supported. MP3 format is not supported. Use only standard size Discs). Small single Discs can only be used with a SONY adapter tray.

If the user doesn't remove an ejected Disc within 10 seconds, the Disc is reloaded.

8.2 Removing a Disc

Press the **EJECT** button. The Disc is ejected and can be removed.

Note: If the Disc is not removed within approximately 10 seconds, the unit pulls it back into the slot (park position). The Disc can be ejected when the ignition is off.

8.3 Selecting DVD mode

Press the **MODE** button repeatedly until DVD Mode has been selected or, if no disc is inserted, insert an Audio CD or DVD.

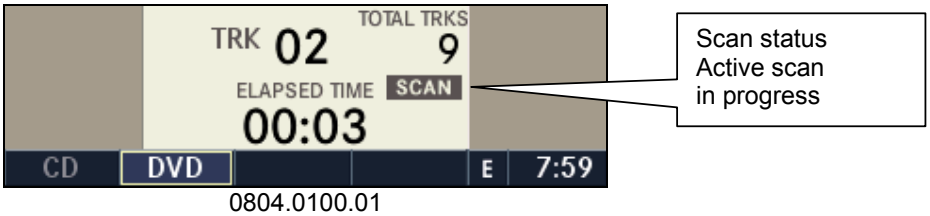
0803.0000.01
DVD Mode active

8.4 Scan search

Select the Disc you wish to scan.

8.4.1 Start

Press the **SCAN** button.



0804.0100.01
Scan active

The individual tracks of the current Disc will be played in succession for approximately 8 seconds each.

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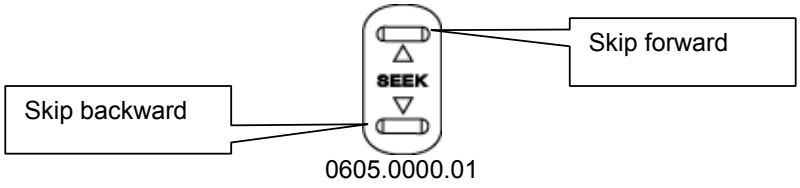
8.4.2 Terminate

Press the **SCAN** button again. Optional: Select the next track with one of the steering wheels controls.

8.5 Skip



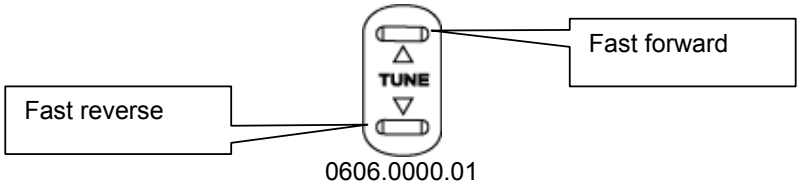
8.5.1 Forward

Press the **SEEK** up button.
The next track of the current Disc is played. Once the last track has been reached in the forward direction, the unit will switch back to the first track. If a track has been playing for more than 10 seconds when **SEEK** down button is pressed, the unit will skip back to the beginning of the current track.

8.5.2 Backward

Press the **SEEK** down button.
The previous track of the current Disc is played. If the first track has been reached in the backward direction, the unit will switch from the first track to the last track. If a track has been playing for more than 10 seconds when **SEEK** down button is pressed, the unit will skip back to the beginning of the current track.

8.6 Fast Forward / Fast Reverse



8.6.1 Fast Forward

Press the **TUNE** up button.
The audio continues to be heard with a reduced level while going through the track at an accelerated speed in this mode.
Stop the fast-forward by releasing the **TUNE** button.

8.6.2 Fast Reverse

Press the **TUNE** down button.
The audio continues to be heard with a reduced level while going through the track backwards at an accelerated speed in this mode.
Stop the fast reverse by releasing the **TUNE** button.

8.7 Displaying the elapsed title time

Activate the DVD Mode.
The elapsed title time of the current playing track is displayed in the center of the screen.

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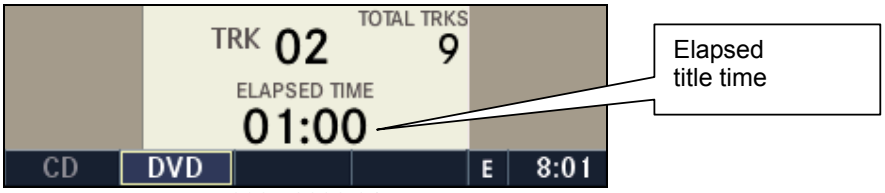


0807.0000.01

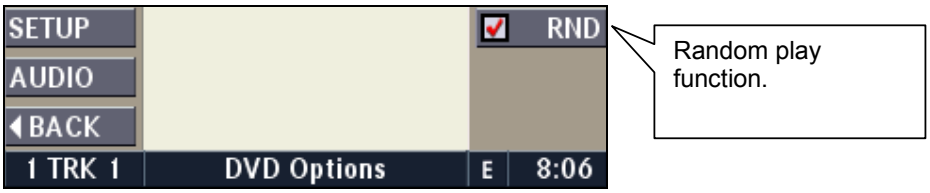
8.8 DVD Options

While in DVD mode press the **OPT** button to display the DVD Options.

0808.0000.01

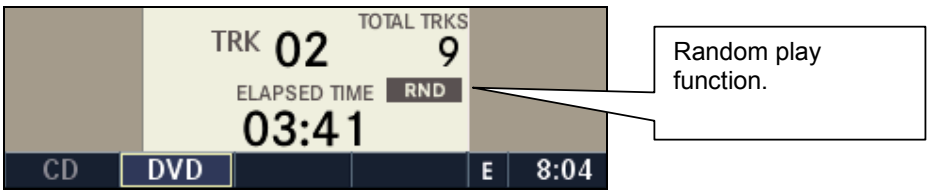
8.8.1 Random playback

The random play function plays random tracks from the current Disc. Press the RND multifunction button in the DVD Options Menu to switch the random play function on or off.



0808.0100.01
Random play function active.

A red checkmark indicates the active random play function in the DVD Options Menu.



0808.0100.02
Random Play function active.

A RND symbol indicates the active Random Play function in the DVD Options Menu.

8.9 DVD Skipping

Typically caused by a damaged (scratched) Disc. If you have a bad track the radio will skip every 10 seconds until the damaged area is passed.

8.10 Temperature protection

If the temperature of the DVD reader during operation becomes too high, the display shows a temperature error. The unit switches to radio mode until the DVD reader temperature has dropped to a normal level.

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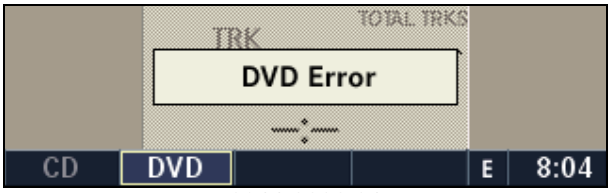
8.11 Disc Error

If “DVD Error“ is displayed on the radio, check disc orientation in DVD player.

Note: A incompatible DVD player can also cause this error message.



0811.0000.01

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9 DVD changer mode (optional)

This navigation radio is designed to be compatible with factory installed DVD player / DVD changers in some MY'03 and MY'04 models. Earlier model year vehicles with factory installed DVD player / DVD changers may not work properly.

9.1 Selecting DVD changer mode

Press the **MODE** button repeatedly until Disc Changer Mode (DISC) has been selected.

0901.0000.01
Disc Changer Mode active, Disc tray 1 is playing

9.2 Selecting a DVD

9.2.1 Selecting a DVD

Press a multifunction button with a Disc symbol to select a Disc.

0902.0100.01
DVD Changer Mode active, Track 1 of tray 2

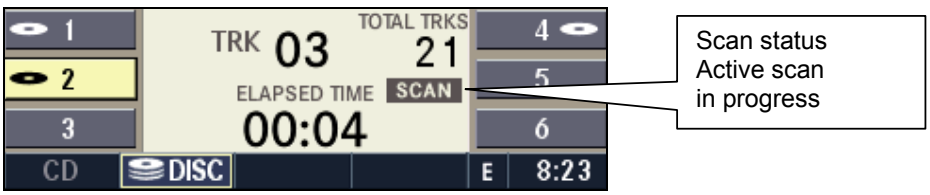
Note: The currently selected Disc tray number is displayed in Navigation Mode also. "1TRK2" indicates the Disc Changer Mode is playing track 1 from the Disc in tray 2.

9.3 Scan search

Select the Disc Changer Mode and select the Disc you wish to scan.

9.3.1 Start

Press the **SCAN** button.



0903.0100.01
Scan active

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The individual tracks of the current Disc will be played in succession for approximately 8 seconds each.

9.3.2 Terminate

Press the **SCAN** button again.

Optional: Select the next track with one of the steering wheels controls.

9.4 Skip

0704.0000.01

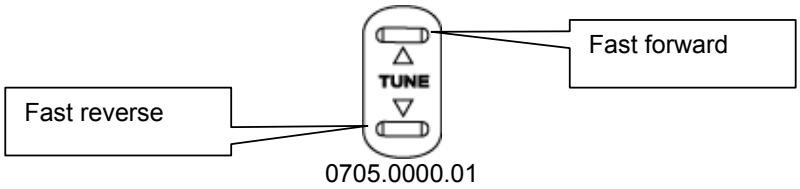
9.4.1 Forward

Press the **SEEK** up button.
The next track of the current Disc is played. Once the last track has been reached in the forward direction, the unit will switch back to the first track. If a track has been playing for more than 10 seconds when **SEEK** down button is pressed, the unit will skip back to the beginning of the current track.

9.4.2 Backward

Press the **SEEK** down button.
The previous track of the current Disc is played. If the first track has been reached in the backward direction, the unit will switch from the first track to the last track. If a track has been playing for more than 10 seconds when **SEEK** down button is pressed, the unit will skip back to the beginning of the current track.

9.5 Fast Forward / Fast Reverse



0705.0000.01

9.5.1 Fast Forward

Press the **TUNE** up button.
The audio continues to be heard with a reduced level while going through the track at an accelerated speed in this mode.
Stop the fast-forward by releasing the **TUNE** button.

9.5.2 Fast Reverse

Press the **TUNE** down button.
The audio continues to be heard with a reduced level while going through the track backwards at an accelerated speed in this mode.
Stop the rewind by releasing the **TUNE** button.

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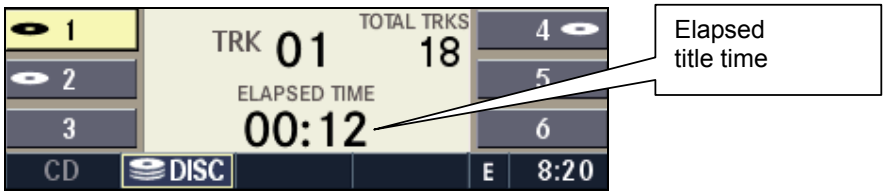
9.6 Displaying the elapsed title time

Activate the Disc Changer Mode.
The elapsed title time of the current playing track is displayed in the center of the screen.



0901.0000.01

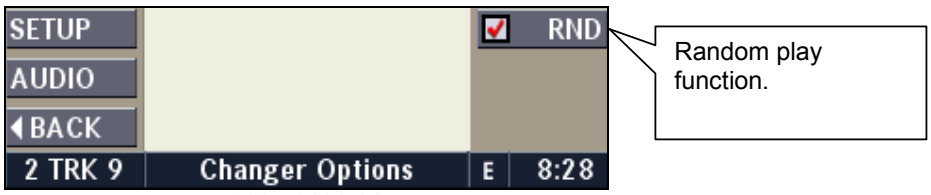
9.7 DVD Changer Options

While in Disc Changer mode press the **OPT** button to display the Changer Options.

0907.0000.01

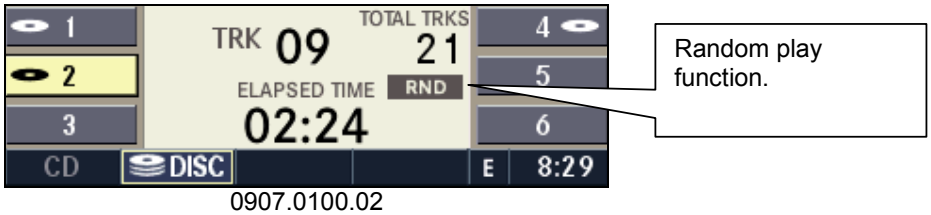
9.7.1 Random playback

The Random Play function plays random tracks from the current Disc. Press the RND multifunction button in the Changer Options Menu to switch the Random Play function on or off.



0907.0100.01
Random Play function active.

A red checkmark indicates the active random play function in the Changer Options Menu.



0907.0100.02
Random Play function active.

A RND symbol indicates the active Random Play function in the Changer Menu.

9.8 Temperature protection

If the temperature of the Disc reader during operation becomes too high, the display shows a temperature error. The unit switches to radio mode until the Disc reader temperature has dropped to a normal level.

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9.9 Disc Error

If “Changer Error“ is displayed on radio, check disc orientation in Disc Changer.

Note: A incompatible Disc changer can also cause this error message.

0909.0000.01

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10 Navigation mode

10.1 General notes

10.1.1 Navigation Software

This navigation radio requires digital data from a navigation CD. The data on the navigation CD is licensed from Navigation Technologies®. Not all roads are digitized. This disc may also contain software updates.

10.1.2 Software updates

Before the first use, the navigation software must be downloaded from the Navigation CD into the system as follows:

1. Supply power to the navigation radio. (Turn the ignition on).
2. Insert a Navigation CD into the internal disc player.
3. The navigation system examines the inserted CD. If the software version of the CD is different from the software already in the navigation unit, the system shows both versions.
4. Confirm the update if asked for.
5. After a few seconds, the system restarts without user intervention.

CAUTION: The update begins only after the restart!

CAUTION: If the logo does not appear on the display after three minutes, please reinsert the Navigation CD.

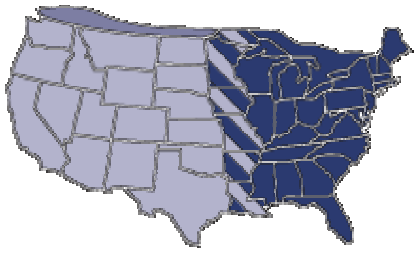
After the installation the system automatically shuts down and restarts one more time. Steps 3 and 5 may happen more than once. The update procedure has finished when the radio starts to play.

10.1.3 Navigation CDs

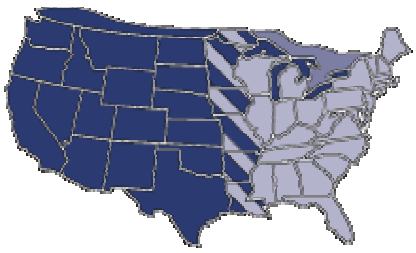
The navigation unit is provided with two navigation CDs. One CD contains data for the western half of the USA, some of the major cities in Canada and parts of Hawaii. The other CD contains data for the eastern half of the USA and some of the major cities in Canada.

Data for Minnesota, Iowa, Missouri, Arkansas, and Louisiana are contained on both CDs. See the striped area on the map below.

The navigation CDs are marked with a map symbol and the words EAST or WEST:



WEST



EAST

During the destination input the navigation radio will prompt for a navigation CD. Check the display carefully before inserting the proper Navigation CD (East or West).

Example: If you travel from the East Coast CD to Las Vegas, NV , the navigation radio will ask you to insert the Navigation CD West.

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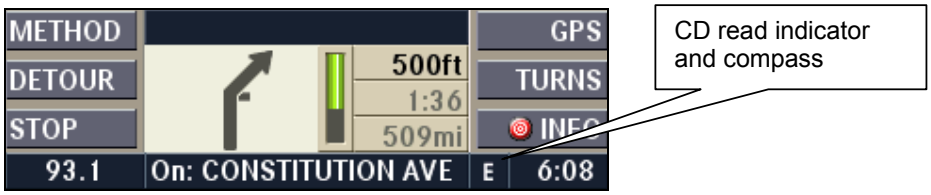
1001.0300.03
Navigation Request Menu

The color code for the CD read symbol is red for request, and yellow for read in progress.

10.1.4 Use of radio and internal disc player during route guidance

It is not necessary to keep a navigation CD inserted after its data has been downloaded into the system. After a start of the route guidance is confirmed the navigation system indicates the use of the navigation CDs with a CD read indicator.



1001.0400.01
Route Guidance Menu

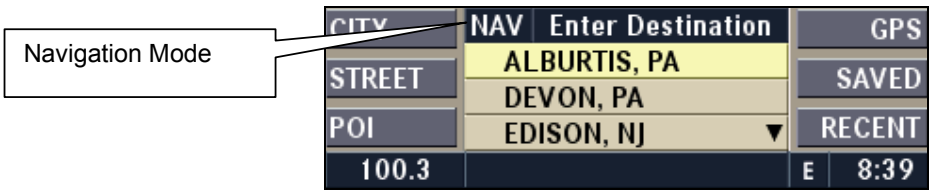
After this indicator disappears, the radio and internal disc player are available for their normal use. If the navigation needs additional information to recalculate a new route, the user receives a voice prompt to reinsert a navigation CD and the CD read indicator turns red until the CD is inserted.

Note: Make sure that the volume for the Navigation announcements is set to an audible level. (See 4.7.9 Navigation Volume)

10.2 Selecting navigation mode

NOTE: A navigation CD must be loaded when the navigation mode is started the first time. Navigation mode requires navigation CDs that contains the data of the destination country.

Press the **NAV** button once. The Navigation Main Menu is displayed.



1002.0000.01
Navigation Main Menu

10.3 Navigation Main Menu

The main menu is displayed when the **NAV** button is pressed while route guidance is not active.

Optional: Press and hold the center button of the right steering wheel control. (4.3.5 Remote Control).

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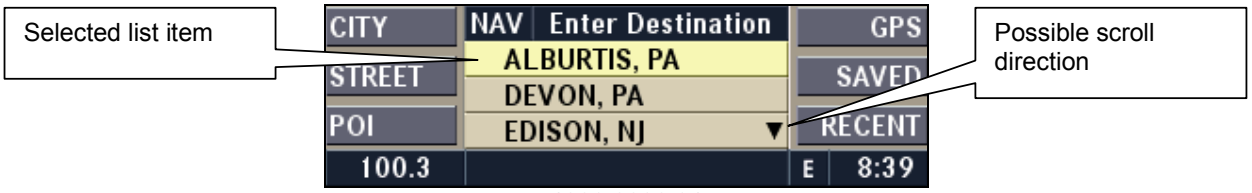


1002.0000.01
Navigation Main Menu

Select one of the following list items by turning and confirm by pressing the OK / SELECT rotary knob.

City: Enter a city, town, or county name.

Street: Enter street or road name.

POIs: The destination is a Point of Interest such as gas station, hospital, etc. (sorted in 32 categories).

Locate: Display the longitude, latitude, number of active GPS satellites, and altitude, and store your current position into the last destination memory.

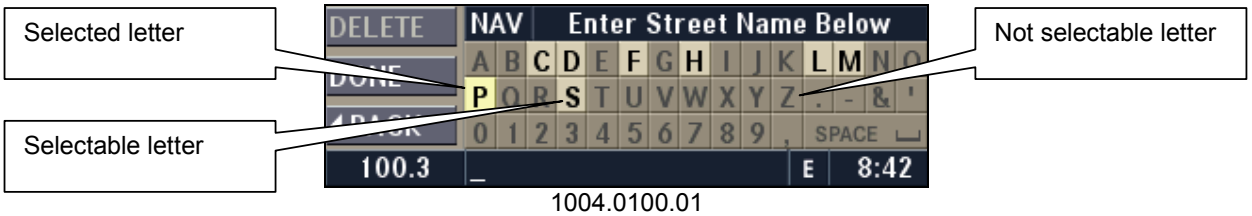
Saved: Select destination from a list of (max. 100) user stored destinations.

Recent: Select one of the (max 20) last destinations used by the navigation.

10.4 Destination input

10.4.1 Smart Speller

Names (e.g. city names or street names) are entered with a smart speller. Turn the OK knob to select a letter and press the OK knob in to confirm the selection.



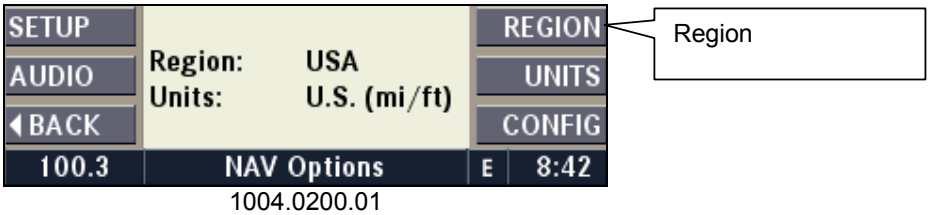
1004.0100.01
Smart Speller

It is only possible to spell names in the database. Unavailable letters are in a lighter color and not selectable.

10.4.2 Region

The US navigation map is divided into three major regions: USA, Canada, and Hawaii. It is important to select the correct region before entering a destination.

Press the **OPT** button while in navigation mode.



1004.0200.01
Navigation Options Menu

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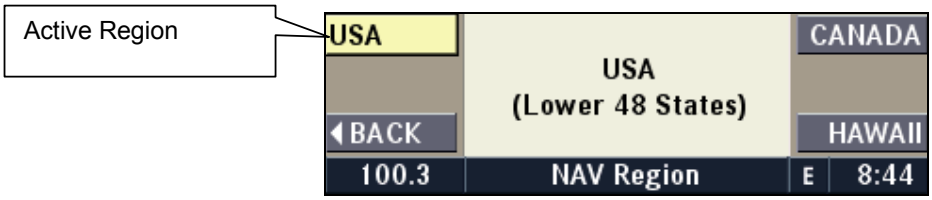
Press the REGION multifunction button to access the Region Menu.



1004.0200.02
Navigation Region Menu

Press the multifunction button with the desired region. The active region is highlighted.
Switch back to the Navigation Main Menu by pressing the **NAV** button once.

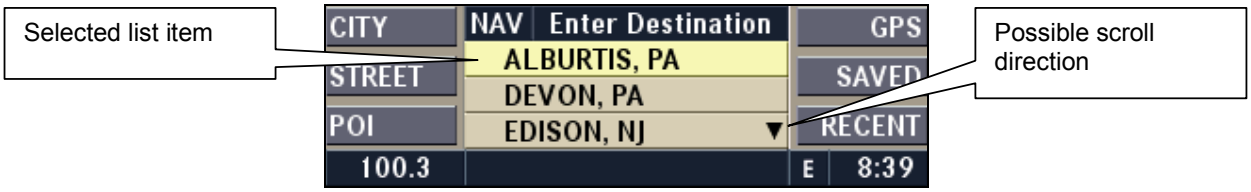
Note: It is not possible to drive from or to Hawaii. The HAWAII button will be enabled when the unit realizes that the vehicle is on Hawaii.

Note: It is not required to re-enter the region if the next destination is in the same region.

10.4.3 City

Select a region before entering a city (see 10.4.2 Region).

The Navigation Main Menu displays a list with the last 20 entered cities. Select the desired city by turning the OK knob. A yellow background indicates, that the list item is selected.

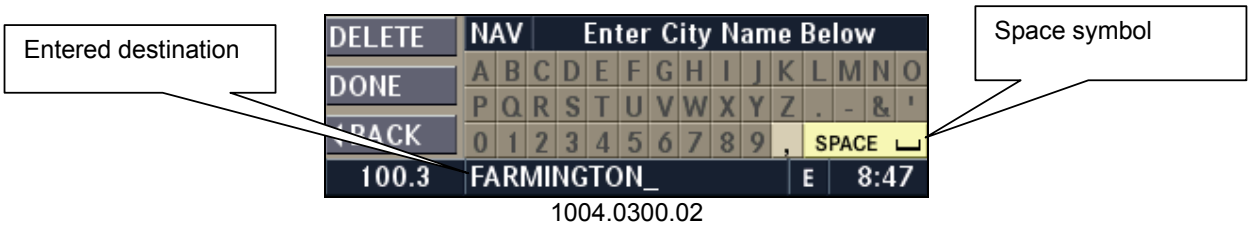


1002.0000.01
Navigation Main Menu

If the desired city is already in the list, turn the OK knob to select the city and proceed to enter a city center, street or point of interest in the selected city.

If the desired city is not in the list, press the CITY multifunction button to enter a destination city.

Turn the OK knob to select a letter and press the OK knob in to confirm the letter. The smart speller shows only available letters and completes the name if no other choices are available.



1004.0300.02
Enter City Name Menu

IMPORTANT NOTE: Use the space symbol as a space between words (e.g. NEW_YORK_CITY).

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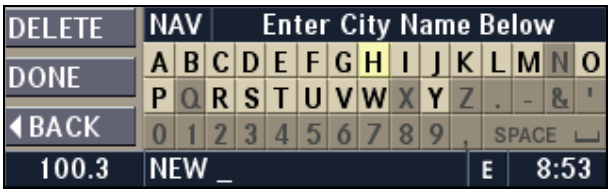
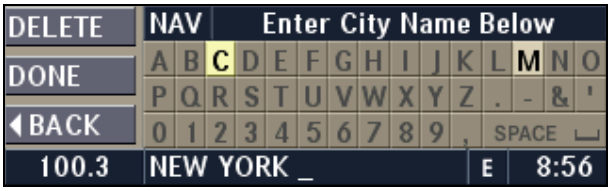
1004.0300.03
Enter City Name Menu

Note: Press the DELETE multifunction button to delete a misspelled letter or press the ◀BACK multifunction button to start over.



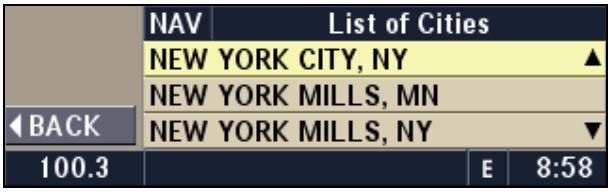
1004.0300.04
Enter City Name Menu

Confirm letter after letter.



1004.0300.05
Enter City Name Menu

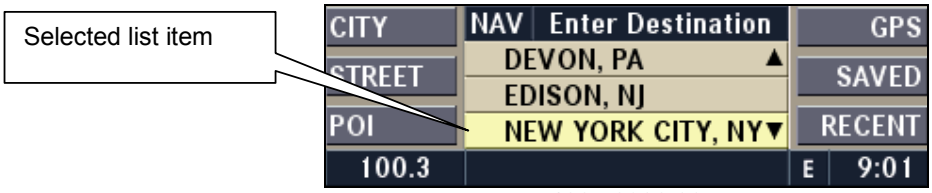
After a list of possible choices is narrowed down to less than 25 entries, a list is displayed.



1004.0300.06
List of Cities Menu

Note: It is possible to access the List of Cities Menu earlier with pressing the DONE multifunction button. It is not necessary to spell the city name completely. This way the List of Cities may be longer.

A city list will be displayed, select the desired item from the list and confirm by pressing the OK knob.



1004.0300.08
Enter Destination Menu (List)

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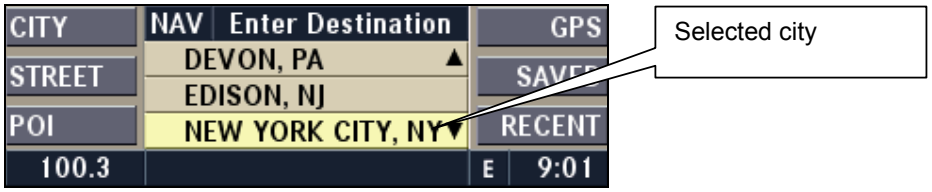
Note: It is not required to re-enter the city if the next destination is in the same city.

10.4.4 City Center

Select a city before entering a city center (see 10.4.3 City).

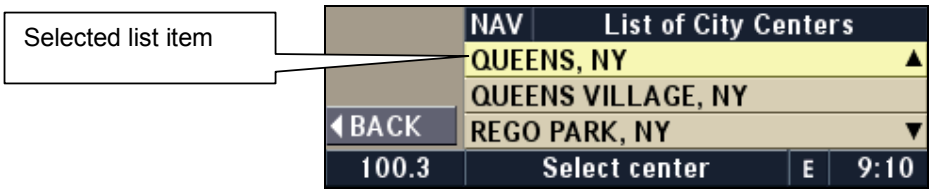


1004.0300.08
Enter Destination Menu

Press the OK button to confirm the selected city. If there are many city centers, the speller will be displayed.

1004.0400.02
Enter City Center Menu

Enter a city center name by turning the OK knob and press the OK knob in to confirm your selection.



1004.0400.03
Select of City Center Menu (List)

Press the OK knob to confirm your selection.

1004.0400.04
Confirm Destination Menu

If desired, see 10.5 to specify the route preferences or 10.9 to save the address in the destination memory.

It is now possible to start the route guidance by pressing the OK knob.

10.4.5 Street

Select a city before entering a street (see 10.4.3 City).

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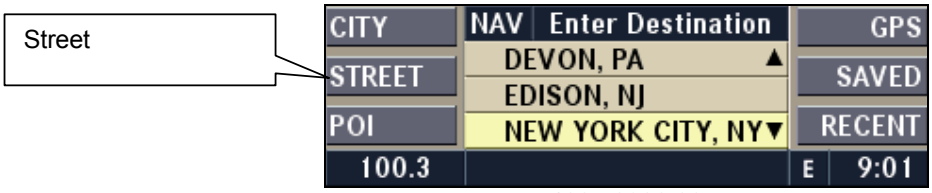


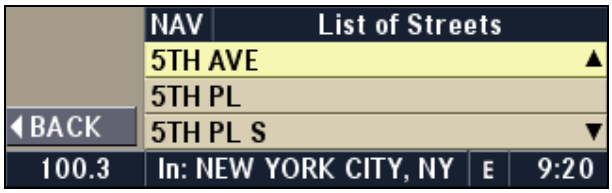
1004.0300.08
Enter Destination Menu

Press the STREET multifunction button, turn the OK knob to select a letter, and press the OK knob in to confirm the letter. The smart speller shows only available letters and completes the name if no other choices are available.

1004.0500.02
Enter Street Name Menu

Note: Press the DELETE multifunction button to delete a misspelled letter or press the ◀BACK multifunction button to start over.

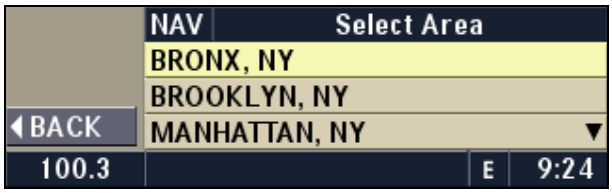
After a list of possible choices is narrowed down to less than 25 entries, a list is displayed.



1004.0500.03
List of Streets Menu

Note: It is possible to access the List of Streets Menu earlier by pressing the DONE multifunction button. It is not necessary to spell the street name completely. When doing this the list of streets may be longer.

If the selected street is available in more than one city center, a Select Area Menu is displayed.



1004.0500.04
Select Area Menu

Select the desired area from the list.

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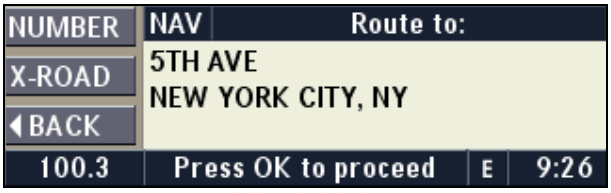
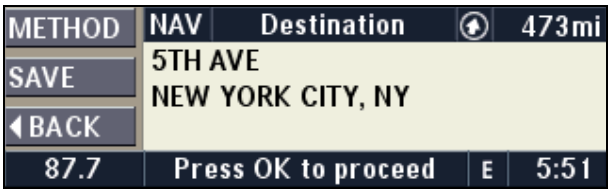


1004.0500.05
Route To Menu

If desired, see 10.4.6 for entering a house number or see 10.4.7 for entering an intersection, cross road.

Press the OK knob to confirm the street as an address.



1004.0500.06
Confirm Destination Menu

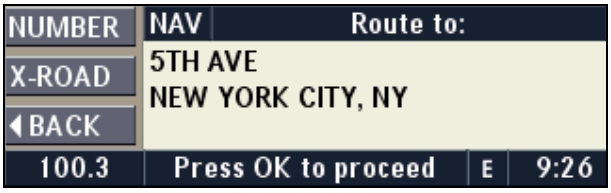
If desired see 10.5 to specify the route preferences or 10.9 to save the address in the destination memory.

It is now possible to start the route guidance by pressing the OK knob.

10.4.6 Street with House Number

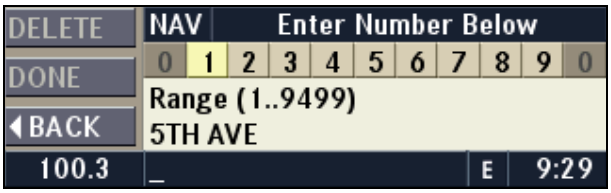
Select a street before entering a house number (see 10.4.4 Street).

Press the NUMBER multifunction button after the street is selected.



1004.0500.05
Route To Menu

Press the NUMBER multifunction button after the street is selected.



1004.0600.02
Enter House Number Menu

Turn the OK knob to select a number, and press the OK knob in to confirm the number. The smart speller shows only available numbers and completes the number if no other choices are available.

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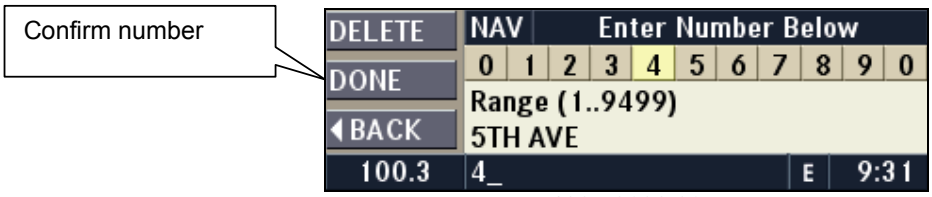
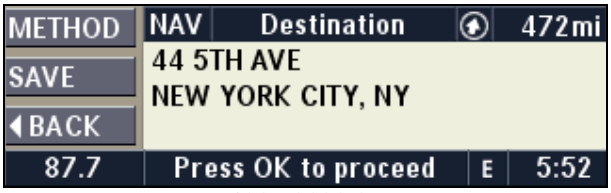


1004.0600.03
Enter House Number Menu

Press the DONE multifunction button after the number is entered.



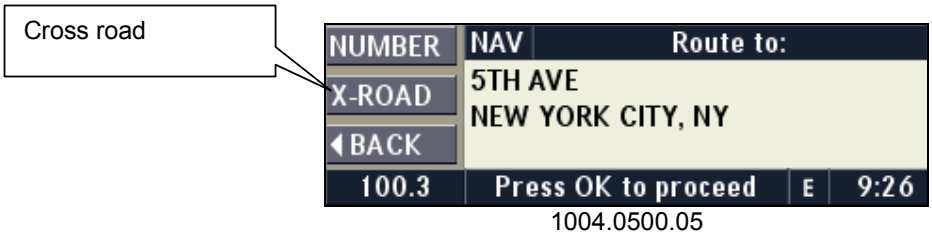
1004.0600.04
Confirm Destination Menu

If desired see 10.5 to specify the route preferences or 10.9 to save the address in the destination memory.

It is now possible to start the route guidance by pressing the OK knob.

10.4.7 Intersection

Select a street before entering the second street of an intersection (see 10.4.4 Street).

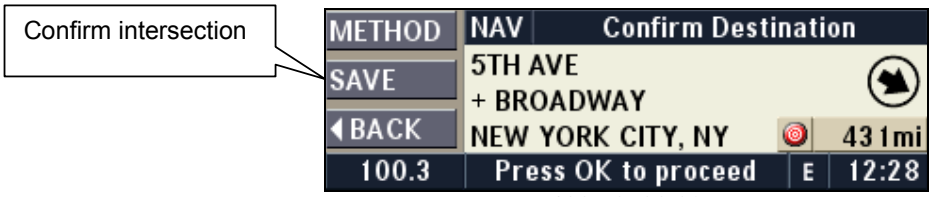


1004.0500.05
Route To Menu

Press the X-ROAD multifunction button after the first street is selected.

1004.0700.02
List of Cross Streets Menu

Turn the OK knob to select a cross street, and press the OK knob in to confirm the street.



1004.0700.03

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Confirm Destination Menu

If desired, see 10.5 to specify the route preferences or 10.9 to save the address in the destination memory.

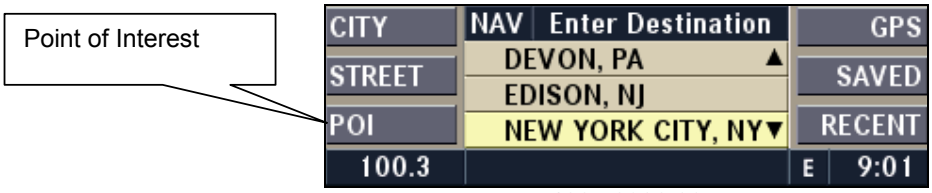
It is now possible to start the route guidance by pressing the OK knob.

10.4.8 Points of Interest

The digital map on the navigation CD contains a database with addresses for special points of interest (POI). The desired POI can be found near the location of the vehicle, within a selected city, or in the selected area.

10.4.8.1 Emergency

The desired POI is an emergency facility like a hospital or police station.

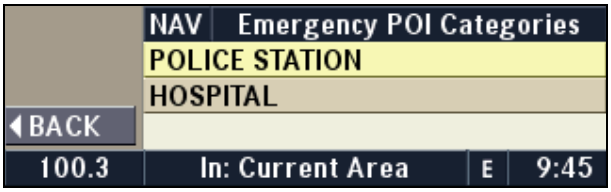


1004.0300.08
Main Navigation Menu

Press the POI multifunction button to activate the POI Search Type Menu.

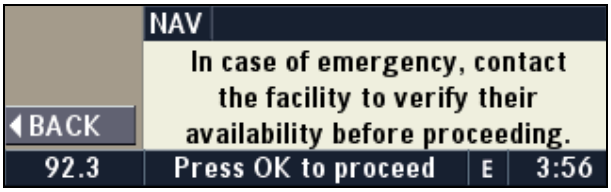
1004.0801.01
POI Search Type Menu

Press the POLICE STATION/HOSPITAL multifunction button to enter POI Emergency Categories Menu.



1004.0801.03
POI Emergency Categories Menu

Turn the OK knob to select the desired category and press the knob to confirm.



1004.0801.05
Disclaimer

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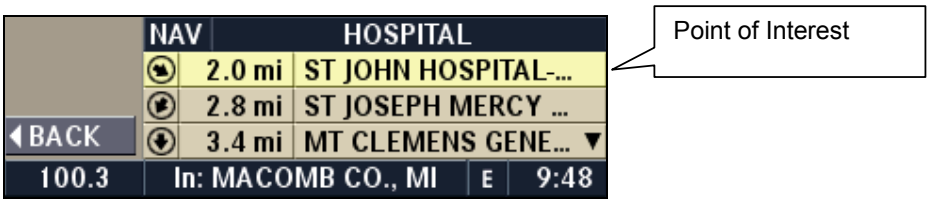
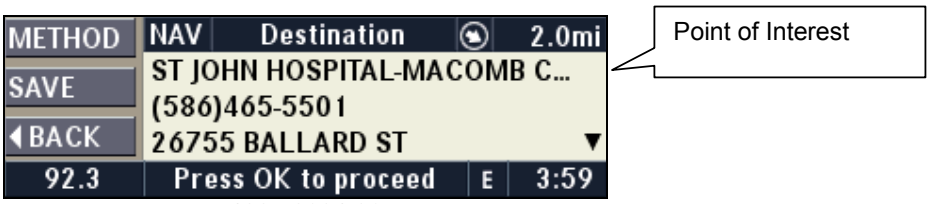
Press the OK knob if you understand that you have to contact the facility to verify their availability before you proceed. Note: The phone number is only displayed if in database available.



1004.0801.04
POI List Menu

If more than one POIs is available, a list of POI is displayed.



1004.0801.06
Confirm destination Menu

If more than one POIs is available, a list of POI is displayed.

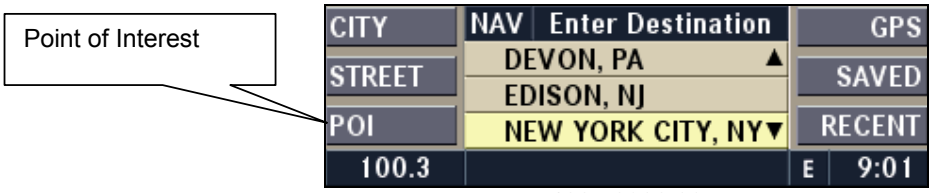
Note: If you do not like the shown hospital and you would like to try a different POI, press the ◀BACK multifunction button to go back to the POI list and select a new POI.

If desired, see 10.5 to specify the route preferences or 10.9 to save the address in the destination memory.

It is now possible to start the route guidance by pressing the OK knob.

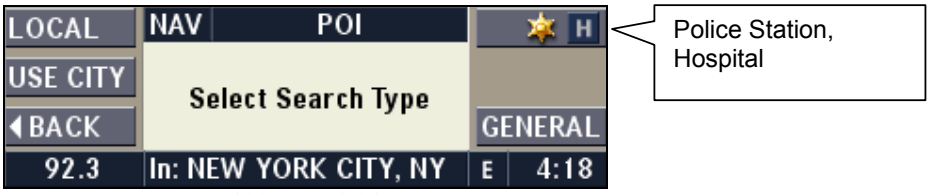
10.4.8.2 In vicinity of location

The desired POI is near your vehicle location.



1004.0300.08
Main Navigation Menu

Press the POI multifunction button to activate the POI Search Type Menu.



1004.0801.01
POI Search Type Menu

Press the LOCAL multifunction button to activate the Local POI Categories Menu.

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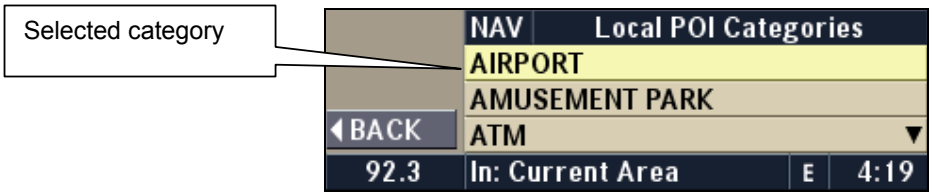
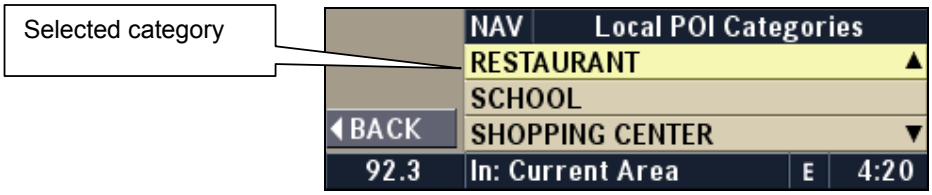


1004.0802.02
Local POI Categories Menu

Select a Category from the list and press the OK knob in to confirm your selection.

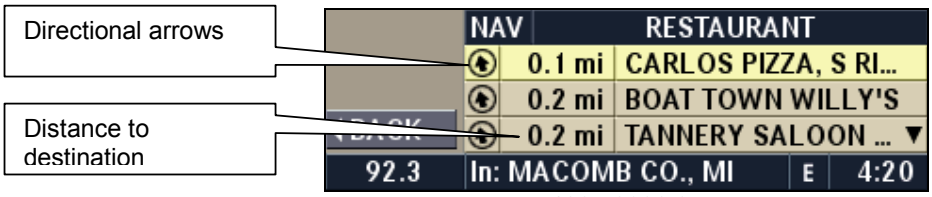


1004.0802.03
Local POI Categories Menu

Select a Category from the list and press the OK knob in to confirm your selection.

A list of the nearest destinations shows directional arrows and distance to the destination.

Note: The lists displayed are sorted by distance to the vehicle's current position.



1004.0802.04
Restaurant Menu

A directional arrow points toward the point of interest, followed by the distance and name.

Turn the OK knob to select a POI, and press the OK knob in to confirm the POI.

1004.0802.05
Confirm Destination Menu

The name and address of the POI is displayed.

Note: If the list shows, for example, more than one restaurant with the same name and you would like to try a different POI, press the ◀BACK multifunction button go back to the POI list and select a new POI.

If desired, see 10.5 to specify the route preferences or 10.9 to save the address in the destination memory.

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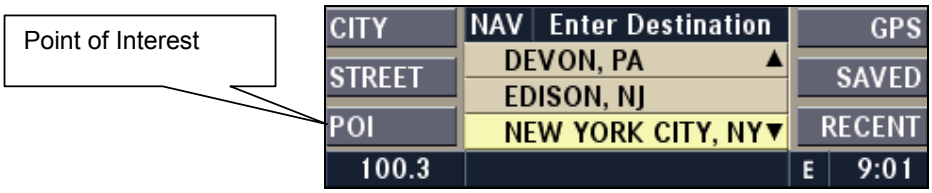
It is now possible to start the route guidance by pressing the OK knob.

10.4.8.3 Within a City

The desired POI is near your vehicle location.



1004.0300.08
Main Navigation Menu

Press the POI multifunction button to activate the POI Search Type Menu.

1004.0801.01
POI Search Type Menu

Press the USE CITY multifunction button to activate the City POI Categories Menu.

1004.0803.03
City POI Categories Menu

Select a Category from the list and press the OK knob in to confirm your selection.

1004.0803.04
Spell Point of Interest Menu

Spell the Point of Interest name and press the OK knob in to confirm your selection.

A list of POIs shows directional arrows and distance to the destination.

Note: The lists displayed are sorted by distance to the vehicle's current position.

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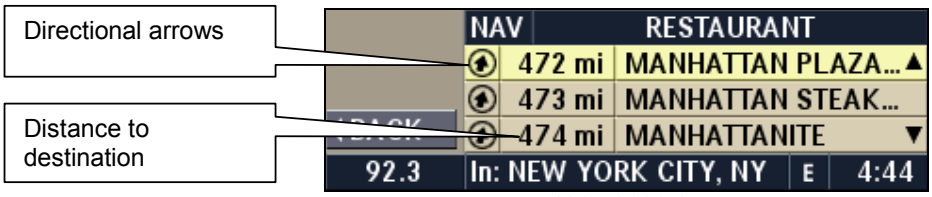


1004.0803.05
Restaurant List Menu

A directional arrow points towards the point of interest followed by the distance and name.

Turn the OK knob to select the desired POI, and press the OK knob in to confirm the POI.

1004.0803.06
Confirm Destination Menu

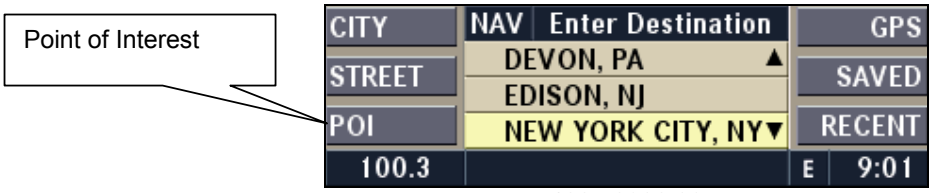
The name and address of the POI are displayed.

If desired, see 10.5 to specify the route preferences or 10.9 to save the address in the destination memory.

It is now possible to start the route guidance by pressing the OK knob.

10.4.8.4 Within the Map Area

The desired POI is within the Map Area of the current Navigation CD.



1004.0300.08
Main Navigation Menu

Press the POI multifunction button to activate the POI Search Type Menu.

1004.0801.01
POI Search Type Menu

Press the GENERAL multifunction button to activate the General POI Categories Menu.

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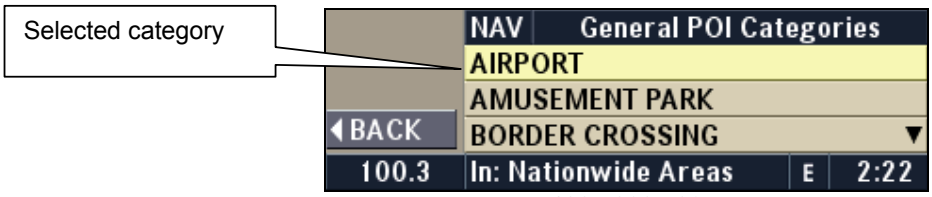


1004.0804.03
Local POI Categories Menu

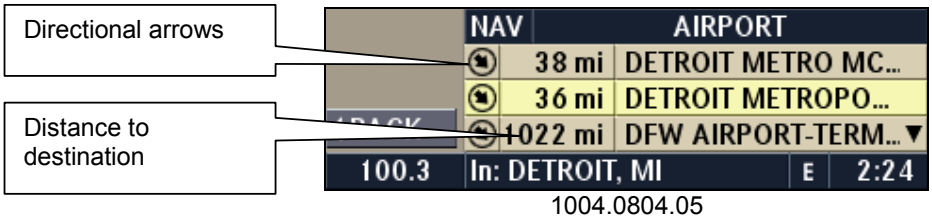
Select a Category from the list and press the OK knob in to confirm your selection.

1004.0804.04
Spell Point of Interest Menu

Spell the Point of Interest name and press the OK knob in to confirm your selection.

A list of POIs shows directional arrows and distance to the destination.

Note: The lists displayed are sorted by distance to the vehicle's current position.



1004.0804.05
AIRPORT List Menu

A directional arrow points towards the point of interest, followed by the distance and name.

Turn the OK knob to select the desired POI, and press the OK knob to confirm the POI.

1004.0804.06
Confirm Destination Menu

The name and address of the POI are displayed.

If desired, see 10.5 to specify the route preferences or 10.9 to save the address in the destination memory.

It is now possible to start the route guidance by pressing the OK knob.

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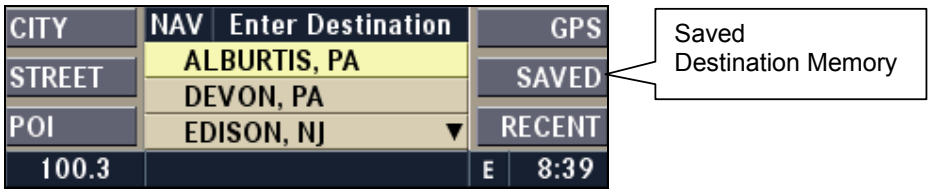
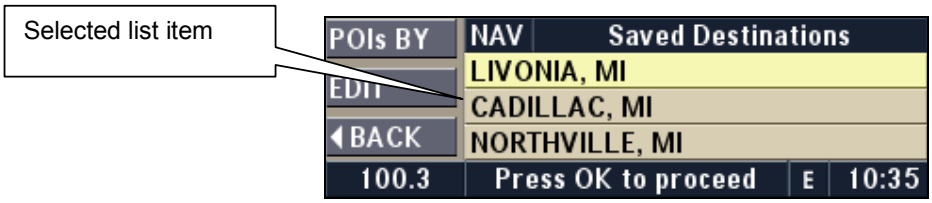
10.4.9 Saved Destinations

If not already done, press the **NAV** button to select the Main Navigation Menu.



1002.0000.01
Main Navigation Menu

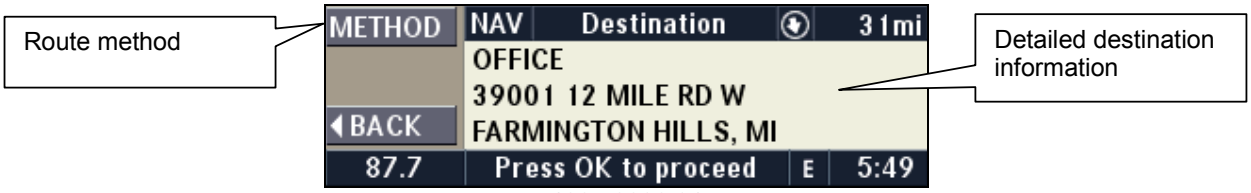
Press the SAVED multifunction button to go to the Saved Destinations menu.



1004.0900.02
Save Destinations Menu

Select a destination by turning the OK knob and confirm your selection by pressing the knob.

Note: The list could contain personal names as stored in the memory.
(See in 10.10 Understanding Destination Memory Entries for how to store destinations into the memory.)



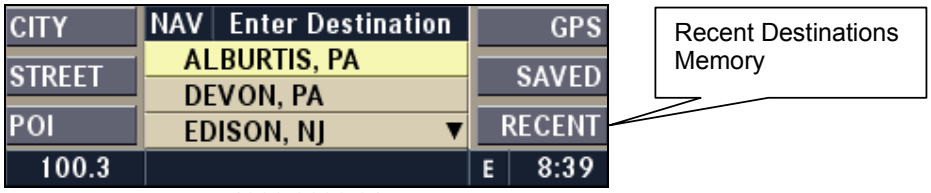
1004.0000.01
Confirm Destination Menu

If desired see 10.5 to specify the route preferences or 10.9 to save the address in the destination memory.

It is now possible to start the route guidance by pressing the OK knob.

10.4.10 Recent Destinations

If not already done, press the **NAV** button to select the Main Navigation Menu.



1002.0000.01
Main Navigation Menu

Press the RECENT multifunction button to go to the Saved Destinations Menu.

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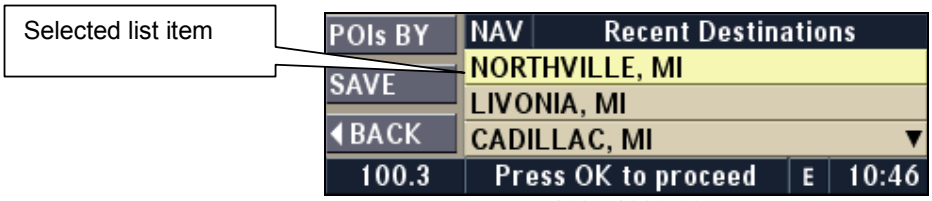


1004.1000.02
Recent Destinations Menu

Select a destination by turning the OK knob and confirm your selection by pressing the knob.

Note: The list could contain personal names as stored in the memory.
(See in 10.10 Understanding Destination Memory Entries for how to store destinations into the memory.)

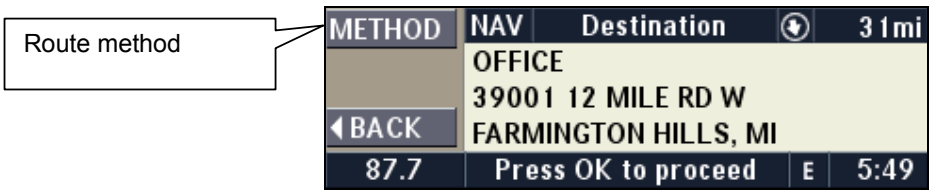
1004.0900.03
Confirm Destination Menu

If desired, see 10.5 to specify the route preferences or 10.9 to save the address in the destination memory.

It is now possible to start the route guidance by pressing the OK knob.

10.5 Routing options

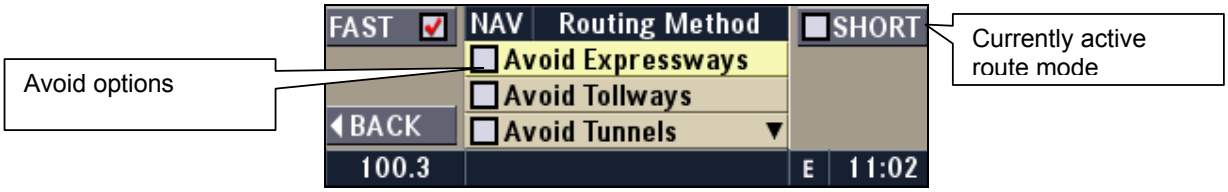
Press the “Method” multifunction button in the Confirm Destination Menu or during route guidance in the Navigation Main Menu.



1004.0000.01
Confirm Destination Menu

The current route mode is displayed and one of the following modes can be selected:

Fast: Route algorithm is optimized to minimize travel time to destination
Short: Route algorithm is optimized to minimize distance



1005.0000.02
Route Method Menu

Press the FAST or the SHORT multifunction button to select your choice.

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Press the ◀BACK multifunction button to return to the Confirm Destination Menu and start the route guidance by pressing the OK knob.

10.5.1 The AVOID option

The avoid option is available for Expressways, Tunnels, Toll Roads, and Ferries.

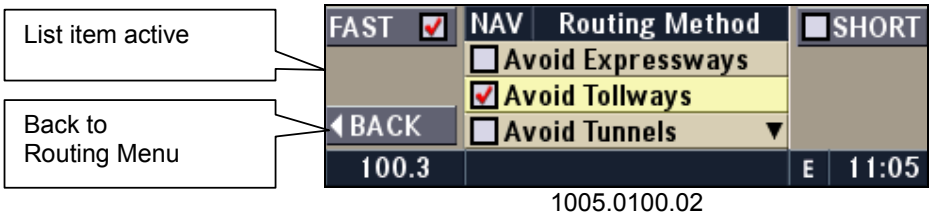
Note: Using one of the avoid functions may result in extremely long, time-consuming routes and should be used with care.

1005.0000.02
Route Method Menu

The current avoid items are displayed. To change the options, press the AVOID multifunction button in the Routing Method Menu.

The following items can be selected:

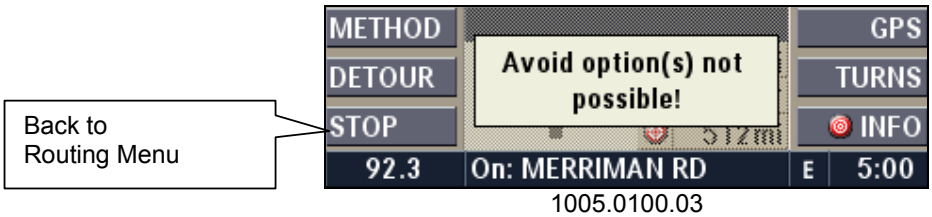
Expressways: Avoids using expressways on the route
Ferries: Avoids using ferries on the route
Toll Roads: Avoids using toll roads on the route
Tunnels: Avoids tunnels on the route



1005.0100.02
Avoid Menu

Press the multifunction buttons of the items to avoid and press the ◀BACK multifunction button to return to the Routing Method Menu.

In case that the route cannot be calculated, a message will appear for 10 seconds. The avoid options will be ignored.



1005.0100.03
Avoid Message

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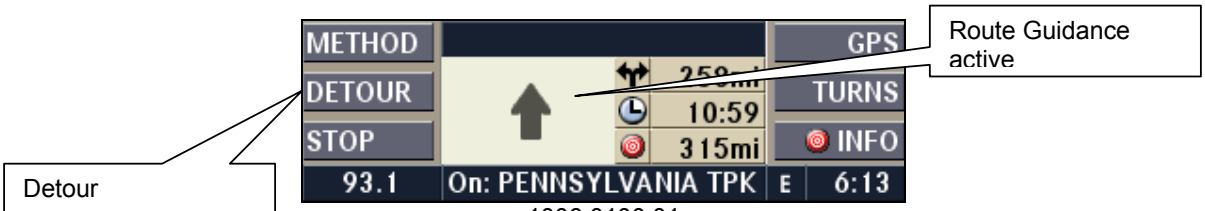
10.6 Detour

Detour is used to calculate an alternate route when the traffic conditions on the selected route are not favorable for driving (e.g. traffic jam or road block).

10.6.1 Entering the length of detour



1006.0100.01
Route Guidance Menu

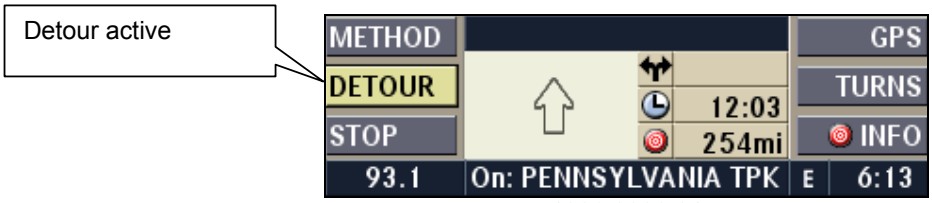
Press the DETOUR multifunction button in the Route Guidance Menu to access the Detour Menu.

1006.0100.02
Detour Menu

Set the length of the section to be avoided by turning the OK knob or press one of the 1 Mile, 5 Miles, or 20 Miles multifunction buttons.

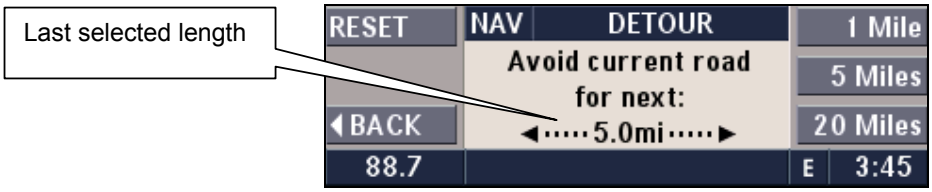
The route will be recalculated once the ◀BACK multifunction button is pressed.

10.6.2 Changing the length of detour



1006.0200.01
Active Detour in Route Guidance Menu

Press the DETOUR multifunction button to access the Detour Menu, while the detour function is active.



1006.0200.02
Detour Menu

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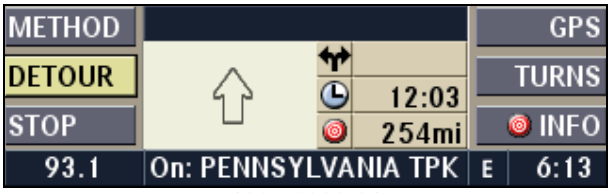
Set the length of the section to be avoided by turning the OK knob or press one of the 1 Mile, 5 Miles, or 20 Miles multifunction buttons.

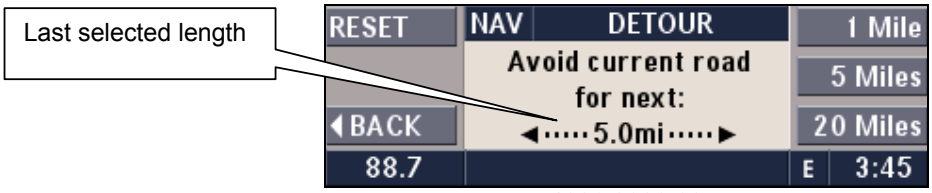
The route will be recalculated once the ◀BACK multifunction button is pressed.

10.6.3 Cancel detour



1006.0200.01
Active detour in Route Guidance Menu

Press the DETOUR multifunction button to access the Detour Menu, while the detour function is active.

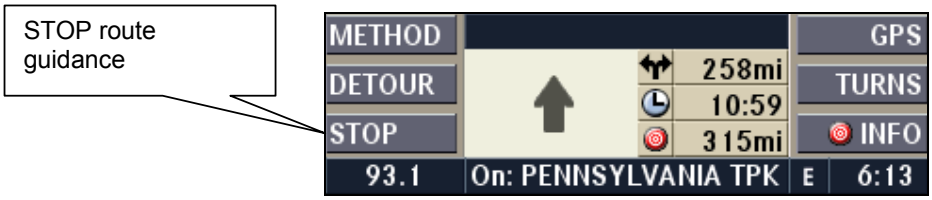


1006.0200.02
Detour Menu

Press the RESET multifunction button.

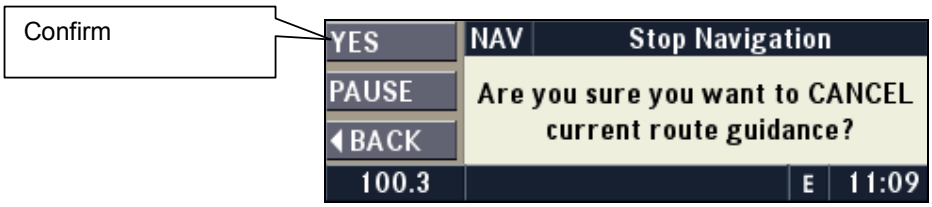
The route will be recalculated once the ◀BACK multifunction button is pressed.

10.7 Canceling route guidance



1006.0100.01
Route Guidance Menu

The current route guidance can be aborted at any time by pressing the STOP multifunction button in the Route Guidance Menu.

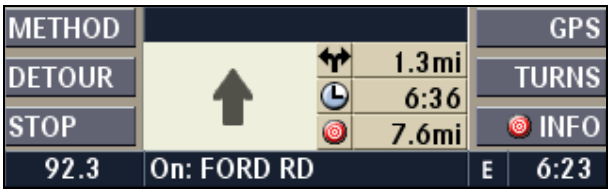


1007.0000.02
Stop Navigation Menu

©2003 Harman/Becker Automotive Systems

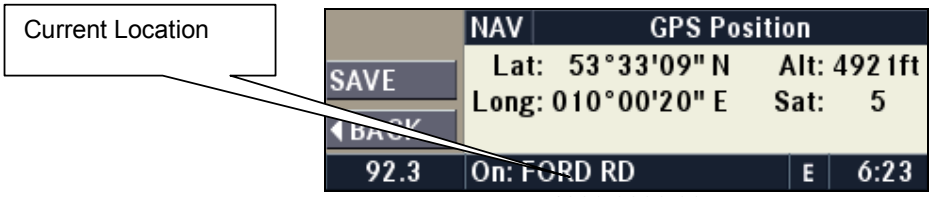
Press the YES multifunction button to confirm the cancel or press the ◀BACK multifunction button to return to route guidance.

10.8 Save current position



1008.0000.01
Route Guidance Menu

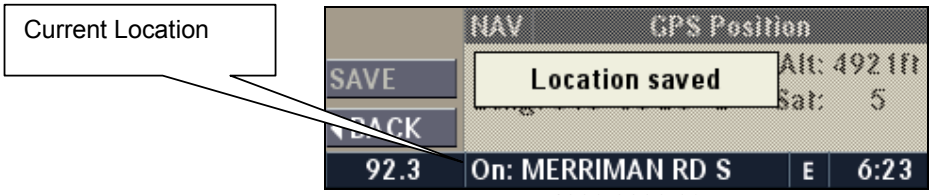
Press the GPS multifunction button either in Route Guidance Menu or in Main Navigation Menu to display the GPS Position Menu.



1008.0000.02
GPS Position Menu

The following information is shown in this menu: longitude, latitude, number of used satellites, altitude of the vehicle, and the current street name while on a digitized street.

Press the SAVE multifunction button to save the information.

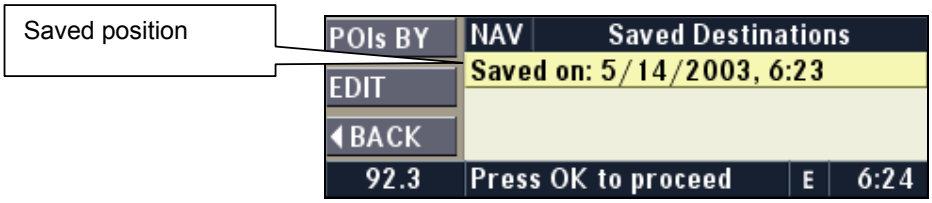


1008.0000.03

A confirmation screen shows that the information has been stored.

Note: The shown position in the status line shows the current vehicle position. It does not show the saved position!

NOTE: This location will be available from the SAVED destination memory.
(See 10.9 for how to access the saved destination memory)



1008.0000.04
Saved Destinations Menu

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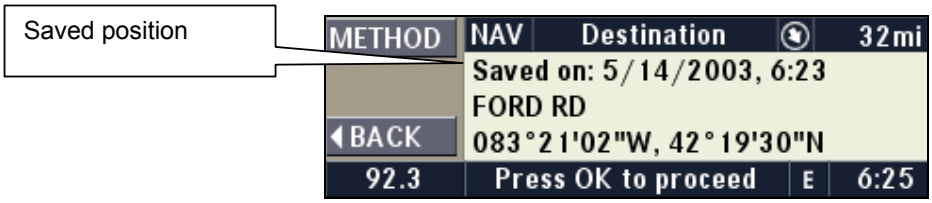
It is recommended to rename the destination entry, especially for off-road positions without a street name.

See 10.9.2 for how to rename a saved destination.



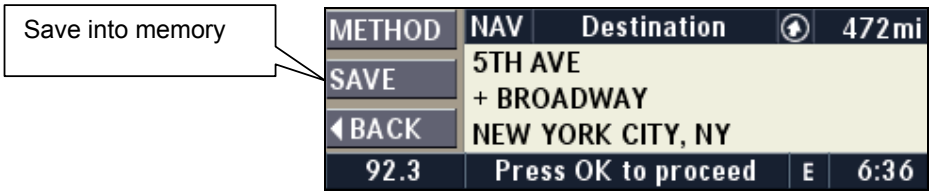
1008.0000.05
Confirm Destination Menu

10.9 Destination memory

The destination memory is used to store locations you will likely use more than once. The unit can store up to 50 selections that can be used as destination.

10.9.1 Create new entry

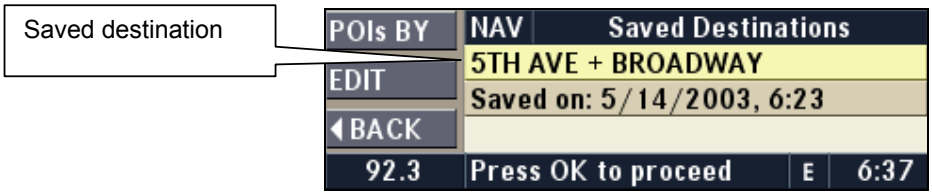
You can create a destination memory entry after entering a destination but before you start route guidance in the Confirm Destination Menu.



1004.0700.03
Confirm Destination Menu

After entering a destination press the SAVE multifunction button once.

The destination is now saved and can be recalled from the Saved Destinations Menu.

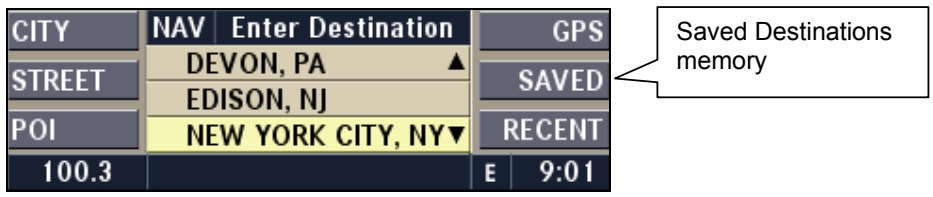


1009.0100.02
Saved Destinations Menu

See 10.4.9 Saved Destinations for entering a destination from the saved destination memory.

10.9.2 Rename a saved entry

Switch to the Main Navigation Menu by pressing the **NAV** button.



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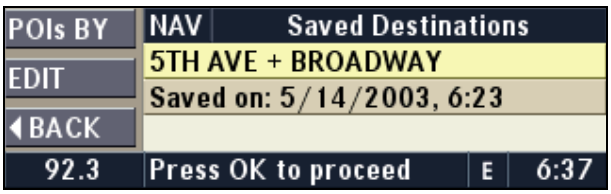
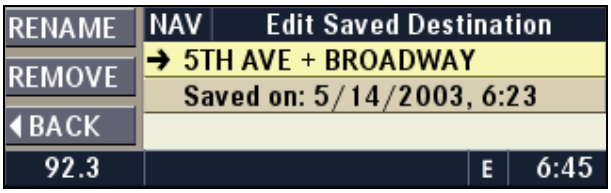
1004.0300.08
Enter Destination Menu

Press the SAVED multifunction button to activate the Saved Destinations Menu.



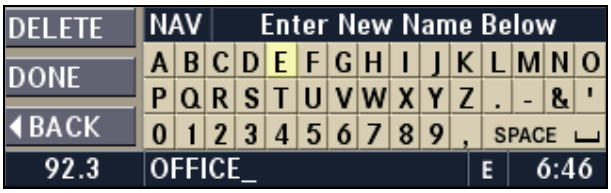
1009.0100.02
Saved Destinations Menu

Press the EDIT multifunction button to activate the Edit Saved Destination Menu.



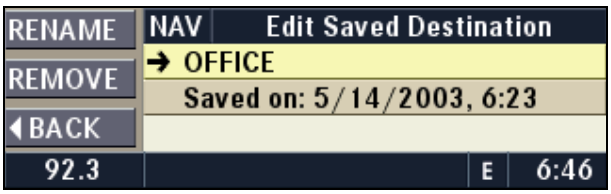
1009.0200.03
Edit Saved Destination Menu

Press the RENAME multifunction button to rename the destination memory entry.



1009.0200.05
Enter Name Menu

Turn the OK knob to select a letter, and press the OK knob in to confirm the letter to enter a new name for the destination memory entry. Press the DONE multifunction button to confirm the name.



1009.0200.06
Edit Saved Destination Menu

Turn the OK knob to position the new entry in the saved destination list. You can move the selected destination up and down in the list this way.

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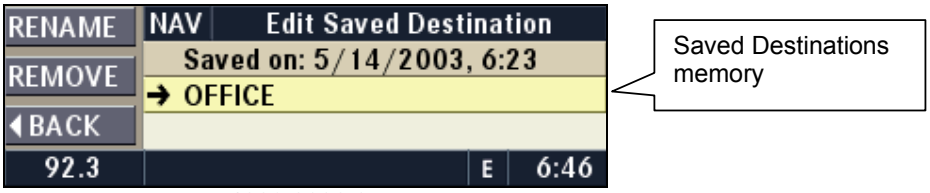
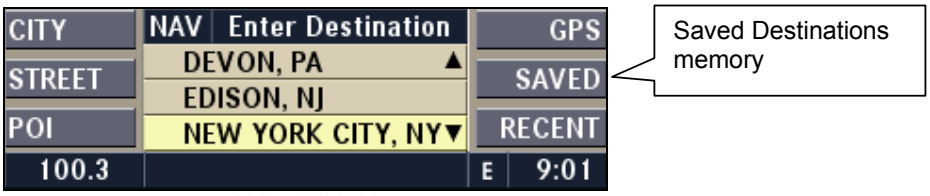


1009.0200.07
Edit Saved Destination Menu

After the new destination memory entry is positioned, press the **NAV** button to return to the Main Navigation Menu.

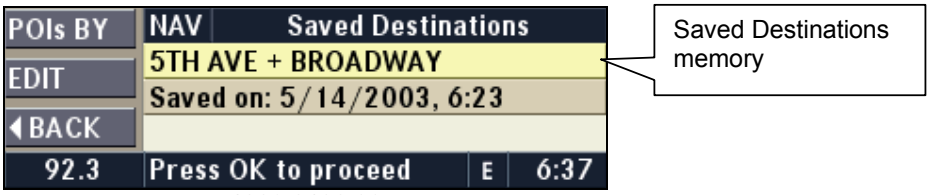
10.9.3 Delete (Remove) Entry

Switch to the Main Navigation Menu by pressing the **NAV** button.



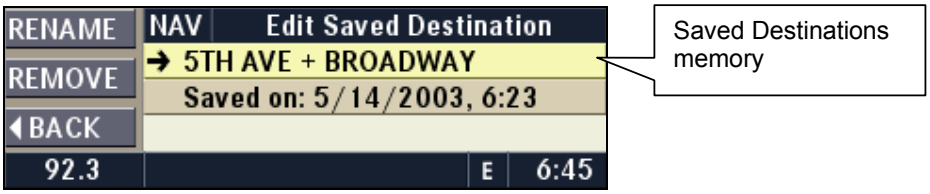
1004.0300.08
Enter Destination Menu

Press the SAVED multifunction button to activate the Saved Destinations Menu.



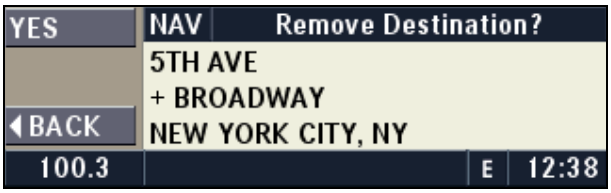
1009.0100.02
Saved Destinations Menu

Press the EDIT multifunction button to activate the Edit Saved Destination Menu. Turn the OK knob to select the desired entry in the saved destination list.



1009.0200.03
Edit Saved Destination Menu

Press the REMOVE multifunction button to remove the destination memory entry.



1009.0300.04

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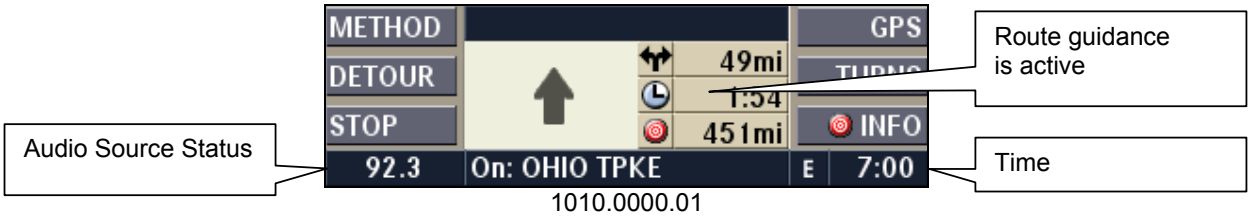
Remove Destination Menu

Press the YES multifunction button to remove the destination memory entry.
Then press the **NAV** button to return to the Main Navigation Menu.

10.10 Information during route guidance



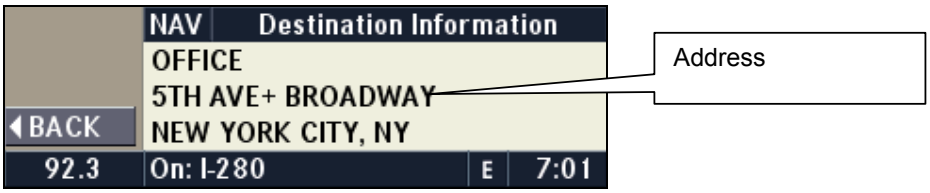
1010.0000.01
Route Guidance Menu

The following information can be recalled during route guidance:

10.10.1 Repeat navigation announcement

Press the **RPT** button to hear the current navigation announcement.

10.10.2 Info

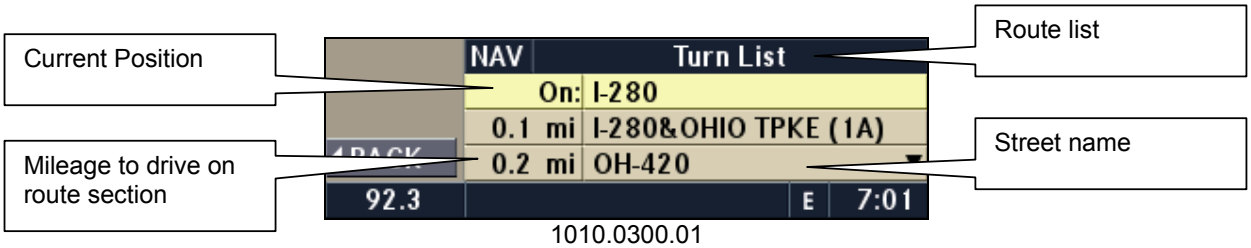


1010.0200.01
Destination Information Menu

After pressing the INFO multifunction button in the Route Guidance Menu, the following information is displayed:

Name, Street, City, and State. If the destination is a POI, and a phone number is available, it will be displayed also.

10.10.3 Turns



1010.0300.01
Turn List Menu

After pressing the TURNS multifunction button in the Info Menu, the following information is displayed:
Position: Current position
Route list: Shows a list with streets on the route
Mileage: Shows the distance to drive on the route sections
Street name: Shows the names of the streets

Use the OK / SELECT knob to scroll through the list.

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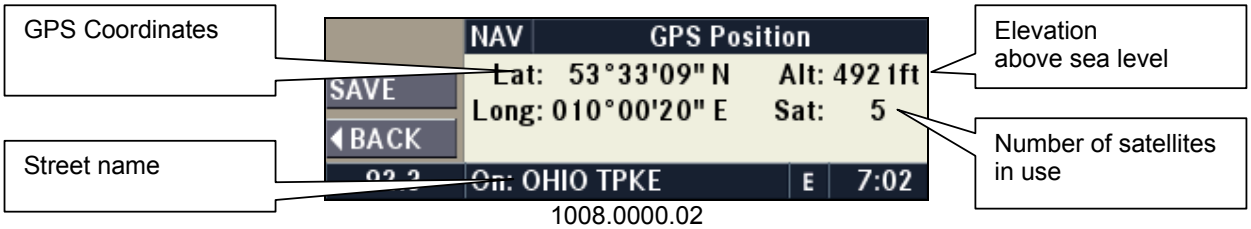
Note: It will take a short time before the route list is available, after entering the destination. The time depends on the distance to the destination. The end of the list shows the destination street. This list does not show route guidance symbols during route guidance.

10.10.4 GPS



1008.0000.02
GPS Position Menu

After pressing the “GPS” multifunction button in the Info Menu the following information is displayed:

Street name: The street name of the current position.

Note: It is possible that this line is blank if the street you are on has no name, is not in the digital road map, or if you drive in off-road.

GPS Coordinates: The position calculated by the GPS system.
Number of satellites in use: The number of satellites used by the GPS receiver to calculate the position.
Alt: Elevation of the vehicle relative to sea level.

Note: The same menu is also available without route guidance in the service section 8.13.2

10.10.5 Radio-Navigation Mixed Mode

It is possible to display the radio station presets multifunction buttons during route guidance. While in Route Guidance Menu press the **NAV** button once to mix the navigation screen with the current audio screen.

1010.0500.01
Radio-Navigation Mixed Mode

It is now possible to use the multifunction buttons with the steering wheel controls (if equipped).

10.11 Notes on route guidance

After starting route guidance, the system calculates the route and announces: “Follow the arrows on the display.” You will receive navigation recommendations by voice messages and screen displays.

Note: You can hear the current driving recommendation by pressing the RPT button.

After confirming the route, the direction arrow points toward the destination (as the crow flies).

Warning - Danger of Accident: DO NOT IGNORE TRAFFIC LAWS. If a driving recommendation contradicts the traffic laws, the laws ALWAYS take precedence!

For clarification, this section contains a selection of examples of possible driving recommendations:

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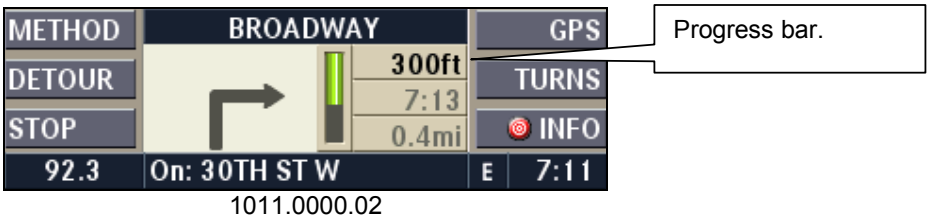
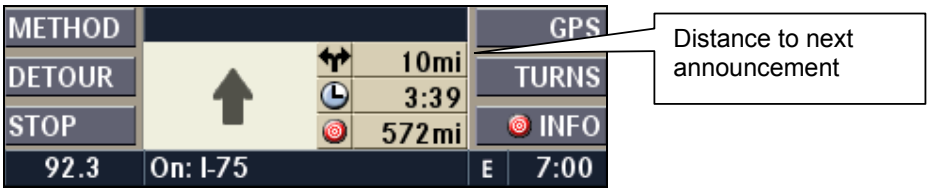
1011.0000.01
"Make a U-turn if possible."

You are driving in the wrong direction and should turn around at the earliest legal opportunity.



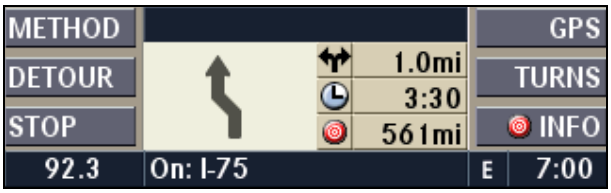
1011.0000.02
"Please take a right in 300 feet."

The arrow points in the direction you should turn. The progress bar on the right illustrates the distance to the turn. The green area decreases as you approach the intersection.



1011.0000.03
"Follow the road."

You should continue driving on the current road for the distance shown.



1011.0000.04
"Prepare to take a left" or "Keep left in one mile."

NOTE: Keep left does not mean to use HOV lanes or express lanes.

You should note that there is an upcoming turn and prepare to make any lane changes needed to safely make the turn. As always, road safety must be observed when making a lane change.

NOTE: At intersections and traffic circles, only the ends of the roads to be passed are displayed.

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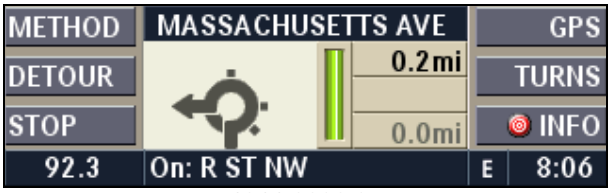
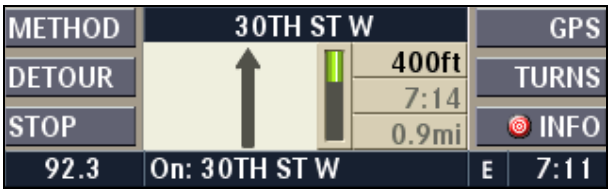


1011.0000.05
"Take the fourth turn on the right."

This arrow shows you which exit you should take from a traffic circle.

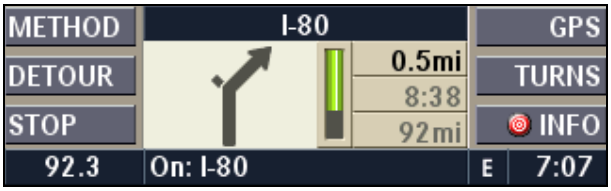


1011.0000.06
"Follow the road in 400 ft."

This arrow indicates you should drive straight ahead.

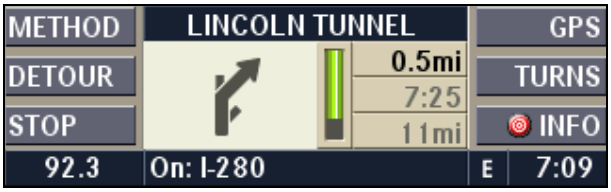
1011.0000.07
"Follow the arrows on the display."

This display tells you that you are currently in an area, such as a parking lot, garage, etc., that is not contained on the digital street map. The arrow indicates the actual geographic direction to the destination.



1011.0000.08
"Keep right in half a mile."

"Keep right" means that the street will fork and you should follow the indicated direction.



1011.0000.10

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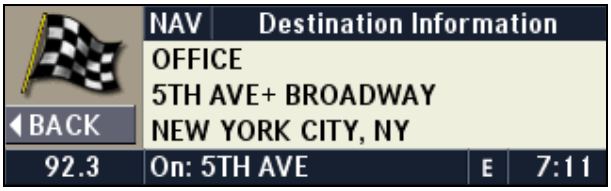
"Take the second exit to the right."

"Take the second exit to the right." means to pass the first exit after this announcement is given.



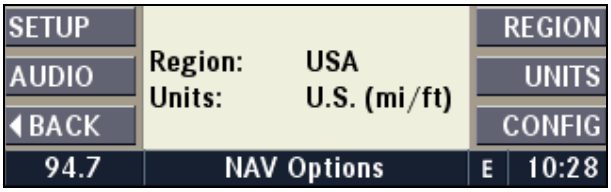
1011.0000.09

"You have reached your destination."

The specified destination has been reached and route guidance is terminated. The display will switch back after 8 seconds.

10.12 Navigation Options Menu

Press the **OPT** button while in navigation mode.



1012.0000.01

NAV Options Menu

The menu show the currently selected map region and the unit used for distance display and audible navigation announcements.

10.12.1 Setup

While in NAV Options Menu press the SETUP multifunction button to access the configuration menus 10.12.1.1 – 10.12.1.4. The display center shows current settings for choosen language, daylight and nightlight mode , and internal clock mode.

1012.0100.01

Current Settings Menu

10.12.1.1 Version

Press the VERSION multifunction button to display the currently installed software and hardware version.

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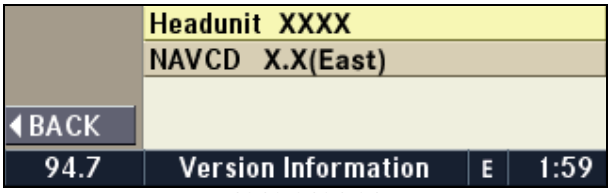
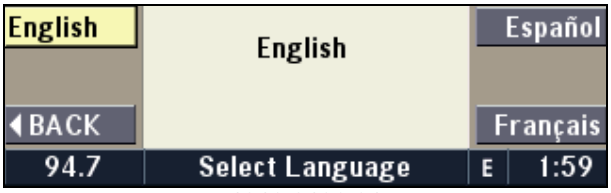


1012.0101.01
Version Information Menu

10.12.1.2 Language

Press the LANG. multifunction button to switch the language to either English, Spanish, or French.
The language can also be choosen in the navigation mode after the ignition is switched on on the navigation disclaimer screen. The navigation CDs needs to be inserted to change the language.

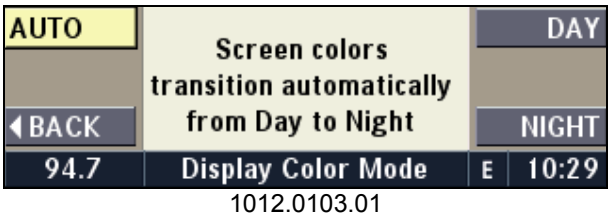


1012.0102.01
Select Language Menu

Note: The language cannot be changed while route guidance is in progress.

10.12.1.3 Display

Press the DISPLAY multifunction button to set the Daylight or Nightlight mode manually. AUTO will set the display automatically to the light settings used by the car.



1012.0103.01
Display Color Mode Menu

10.12.1.4 Time Set

Press the TIME SET multifunction button to change the time settings. See 4.8.2 for further information on the the Time Setup Menu.

10.12.2 Audio

Press the AUDIO multifunction button to change the audio settings of the currently playing audio source. See 4.7 Audio Settings for further information.

10.12.3 Region

Press the REGION multifunction button to access the NAV Region Menu. See 10.4.2 Destination Input Region for further information.

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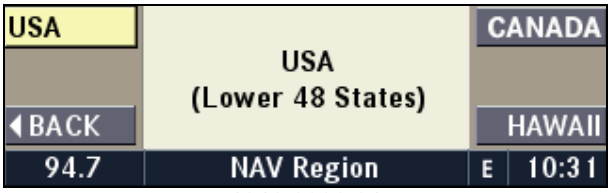


1012.0300.01
NAV Region Menu

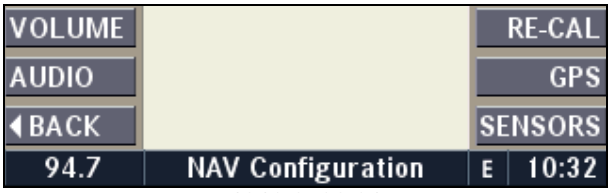
10.12.4 Units

Press the UNITS multifunction button and then either U.S. or METRIC multifunction button to switch the measuring units used for the visual and audible navigation announcements between U.S. (with Miles and Feet) to METRIC (with Kilometers and Meters).

1012.0400.01
NAV Units Menu

10.12.5 Config (Service Menu)

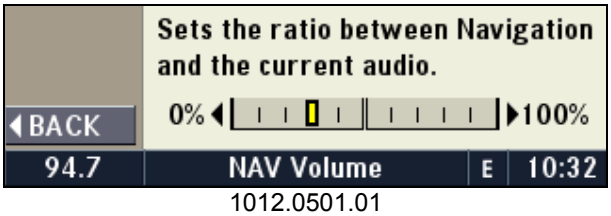
Press the CONFIG multifunction button to access the configuration menus 10.12.5.1 – 10.12.5.5.



1012.0500.01
NAV Configuration Menu

10.12.5.1 Volume

Sets the ratio between the volume of the Navigation annoucements and the volume of the current audio source. To hear the ratio in action, while listening to audio (say, FM), press the **RPT** button to force the navigation system to make an audible announcement. Change the setting to 0% for no change to the current audio volume during an announcement. Change to 100% to decrease the current audio volume to 0 during an navigation announcement. For any greater value than zero, you will hear mixed audio.



1012.0501.01
NAV Volume Menu

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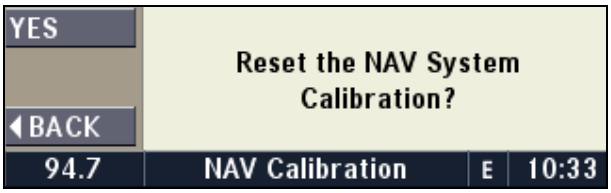
10.12.5.2 Audio

See 4.7 Audio Settings

10.12.5.3 Re-Calibration

The navigation radio is self-calibrating.

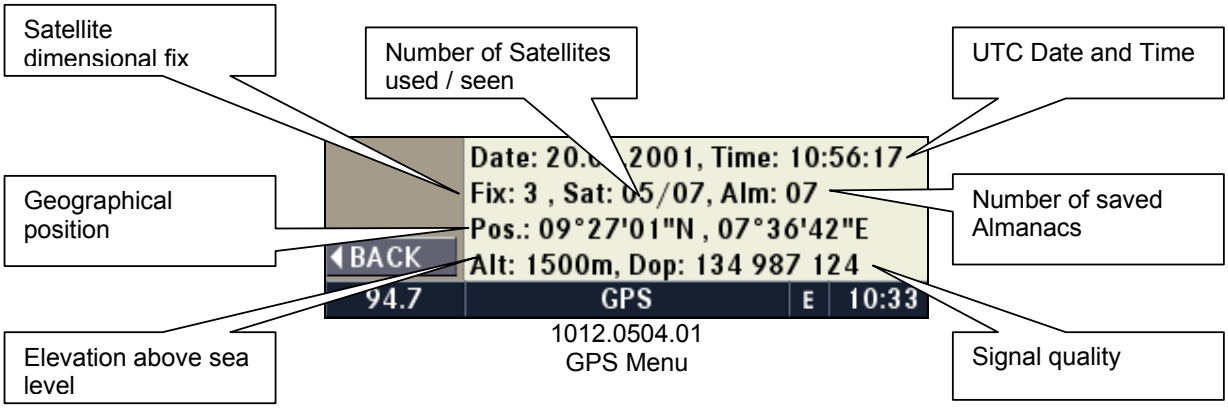
In the rare case that the radio has been removed and reinstalled in another car the calibration can be reset to factory settings.



1012.0503.01
Navigation Re-Calibration Menu

10.12.5.4 GPS

This menu provides service information for the 12 channel GPS receiver.



1012.0504.01
GPS Menu

UTC Date and Time:	Universal Time Coordinated displayed in “Date: dd.mm.yyyy” “Time: hh:mm:ss”
Dimensional fix:	“Fix: 0”: Unable to calculate position. “Fix: 1”: A 1 dimensional position is available. “Fix: 2”: A 2 dimensional position is available. “Fix: 3”: A 3 dimensional position is available.
Almanacs:	Each GPS satellite transmits almanac data to the navigation radio, showing the orbital information for the satellites. The radio keeps the almanac file for each received satellite in its memory. A full satellite constellation is 24 satellites.
Used Satellites:	Number of satellites used by the GPS receiver to calculate the position.
Seen Satellites:	Number of satellites received (seen).
Altitude:	Elevation above sea level.
Geographical position:	Latitude, Longitude.
Signal Quality:	Dilution of precision is an indicator of the quality of the satellite constellation geometry. A greater angle between used satellites lowers the DOP and provides more accuracy calculating the position (Positional, Horizontal and Vertical DOP).

10.12.5.5 Sensors

This menu provides sensor information.

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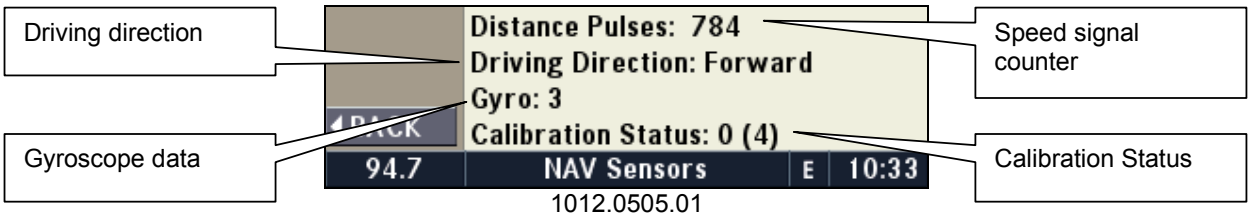

1012.0505.01
NAV Sensors Menu

This menu provides calibration status information.

The navigation radio sensors need to be calibrated. This process is performed constantly during driving.
The unit adapts to the external and internal sensors as well as to the tire sizes of the car. This calibration data is saved in the memory. A calibration status of 3 is possible after driving a couple of hundred yards.

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11 Hand Free Cellular Telephone (optional)

If equipped, the navigation radio displays messages and status information for the UConnect™ Hands Free Communication System.

1100.0000.01
UConnect™ Rear View Mirror

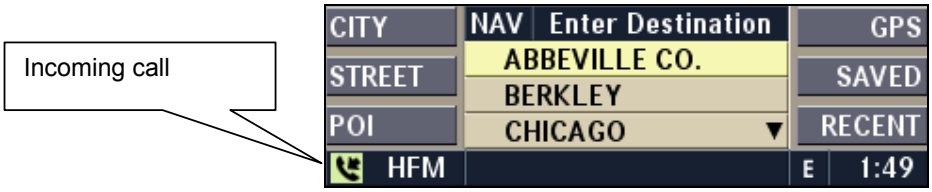
11.1.1 UConnect™ Phone Pairing Process

Note: This operation should only be performed while the vehicle is in park.

To initiate UConnect™, press UConnect™ /Phone button.
After the system beep, say “Setup”.
UConnect™ will offer the following commands: Phone Pairing, Confirmation Prompts, Language.
Say “Phone Pairing”
UConnect™ will offer the following commands: Pair a Phone, Delete Current Phone.
Say “Pair a Phone”.
To complete the Pairing Process, follow the instructions in your wireless phone Owner’s Manual.

11.1.2 Receiving a Call

If the navigation radio is currently in navigation mode, an incoming phone call icon is shown in the status bar of the display.



1101.0200.01
Navigation Main Menu

If the navigation radio is in any other mode or if you press the **MODE** button during an incoming call, the information transmitted by the cell phone is displayed in the HFM (Hands-Free Module) Menu.

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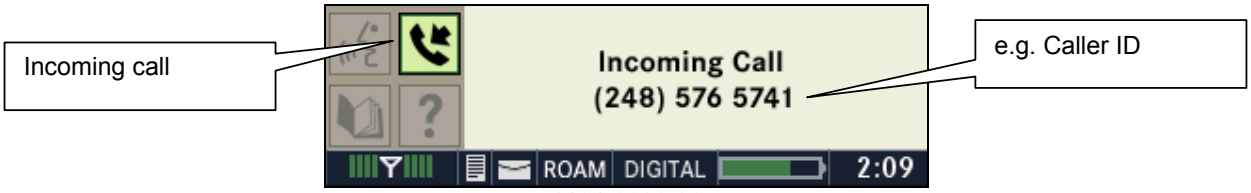
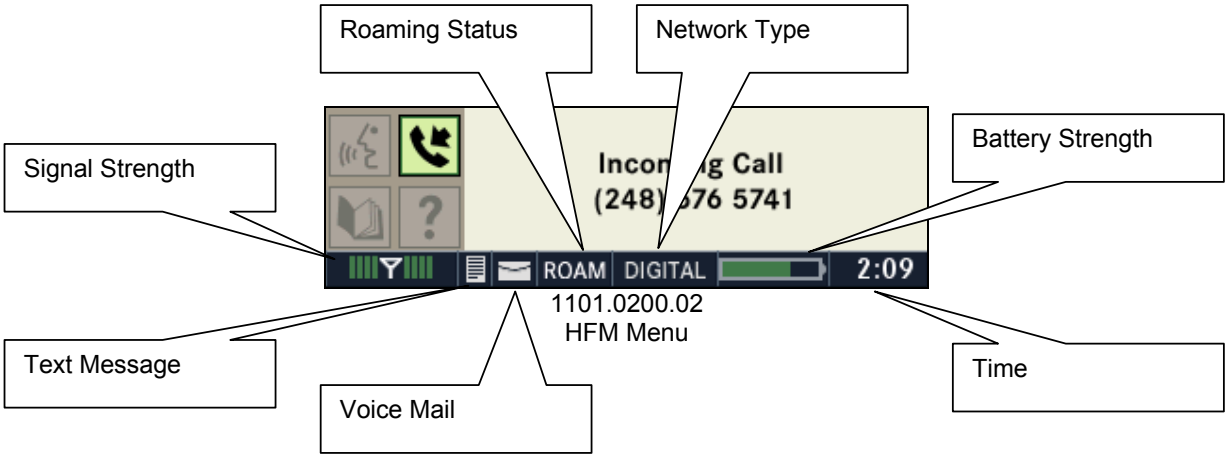


1101.0200.02
HFM Menu

It depends on the capability of the cell phone how much information is displayed in the center screen area.

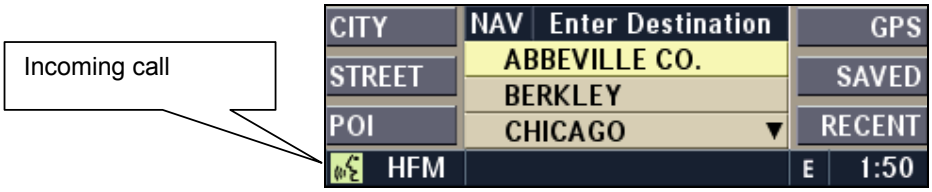
Also the status line shows Signal Strength, Text Message, Voice Mail, Roaming Status, Network Type, and Battery Status, if the paired cell phone is capable of transmitting this data.



1101.0200.02
HFM Menu

11.1.3 Making a Call

If the navigation radio is currently in navigation mode, a phone call icon is shown in the status bar of the display as soon as the UConnect™ button is pressed.



1101.0300.01
Navigation Main Menu

If the navigation radio is in any other mode or if you press the **MODE** button during a call, the information transmitted by the cell phone is displayed in the HFM Menu.

1101.0300.02
HFM Menu

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It depends on the capability of the cell phone how much information is displayed in the center screen area.

After the system beep, say “Call” and follow the spoken instructions (see your UConnect™ user’s manual for details).

11.1.4 Disconnect a call

To disconnect, press the UConnect™ button on the rear view mirror.

11.1.5 HFM options

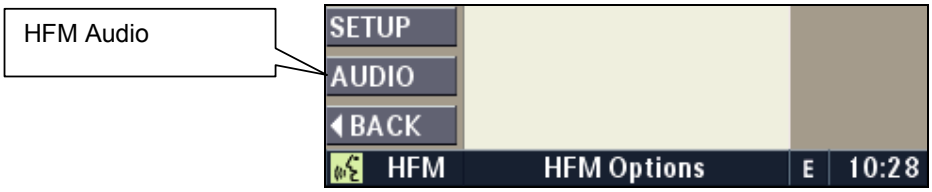
Press UConnect™ Phone button.
After the system beep, say “Setup” and follow the spoken instructions (see your UConnect™ user’s manual for details).

11.1.5.1 UConnect™ setup

Press UConnect™ Phone button.
After the system beep, say “Setup” and follow the spoken instructions (see your UConnect™ user’s manual for details).

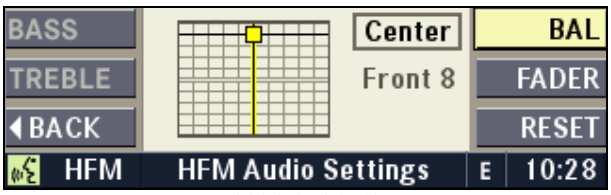
11.1.5.2 HFM Audio Setup

Press UConnect™ Phone button on the rear view mirror
Press the **OPT** button on the navigation radio to access the HFM Configuration Menu.



1101.0502.01
HFM Options Menu

Press the AUDIO multifunction button to adjust the balance between HFM Voice (left speaker) and Navigation Voice (right speaker). BASS and TREBLE are not available for HFM.



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HFM Options Menu

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12 Glossary of Terms

A
AS Autostore

C
CD Compact Disc
CDC Compact Disc Changer

D
DVD Digital Versatile Disc
DVDC Digital Versatile Disc Changer

F
FIX A position determined from terrestrial, electronic, or astronomical data.

G
GPS Global Positioning System
GMT Greenwich Mean Time

H
HFM Hands-Free Module

M
MFB Multifunction button
MFS Multi Functional Steering Wheel

N
NAV Navigation
NCD Navigation Compact Disc

P
POS Position
PTY Program type (radio)

R
RDBS Radio Data Broadcasting System

S
SAT Satellite Radio

U
UTC Universal Coordinated Time

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